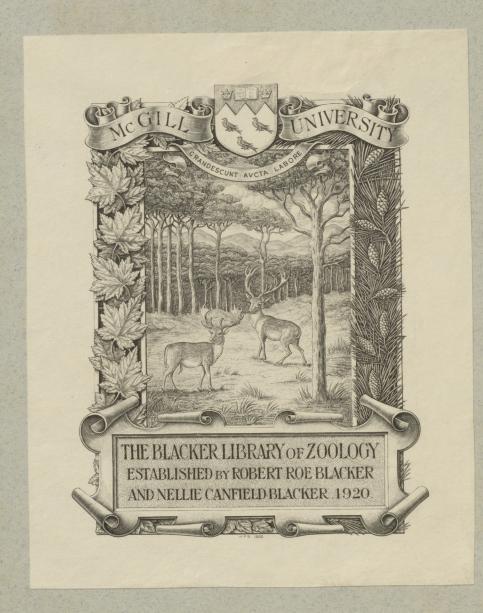


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Ellen S. Woodward. 1893.

Munda Nov 10- 1038 Dear Ki DO Jower Miet four esteemed foron of July Dethou Lynn The 14 duly come to hance, the top of our Och 11- 1044 muttocal Rouna, the late Mittennett pag heen semibly felt by me. Thuring network home from that the honours of his acquaintence riday, and when at for near frie frances, but I can aprime that &, M, the Hing you one thing affords me pleasure. That have Muldeman, The is your appointment to the publishing much obligie if you part of Teenstony, a situation I shall be Copy, for & muje have often a connenion neth; from Menke, Ogremont, ai The numerous articles which will after H. Curring just 1865 in the proceedings, from my stores which I now popes I feel obling in they your. kmer attentions mi formanderry me the Natural History Migarine

Thomas Davies, Flys. Semon Assist! In the Immerological Dept! British Mus. (hat thist.) son of william Danes Igs. born Die 4 29th 1834. Entered the Museum in 1858 as an Attendant. In 1862 he was promoted to the rank of Franscriber L. m 1880 he received the appointment of Senior Assistant. Mr. Davies was a promo - nent member of the mineralogical lociety, acting for some years as Editor of the "Mineralogical Magazine I later felling the office of Foreign Lecretary. Besides mineralogical notes, the published several con-· bributions to the petrology of the older rocks. In 1880 he was awarded the Wollaston Donation Fund by the Jeological Isciety of London, " as a testimony of the value of his researches in Commercelogy & Cithology, I to assist lim in the further. examination of the microscopic Aruchire of rocks. In Davies died on Dec 1 21 1892 after a long ellness.



arthur & Phurch



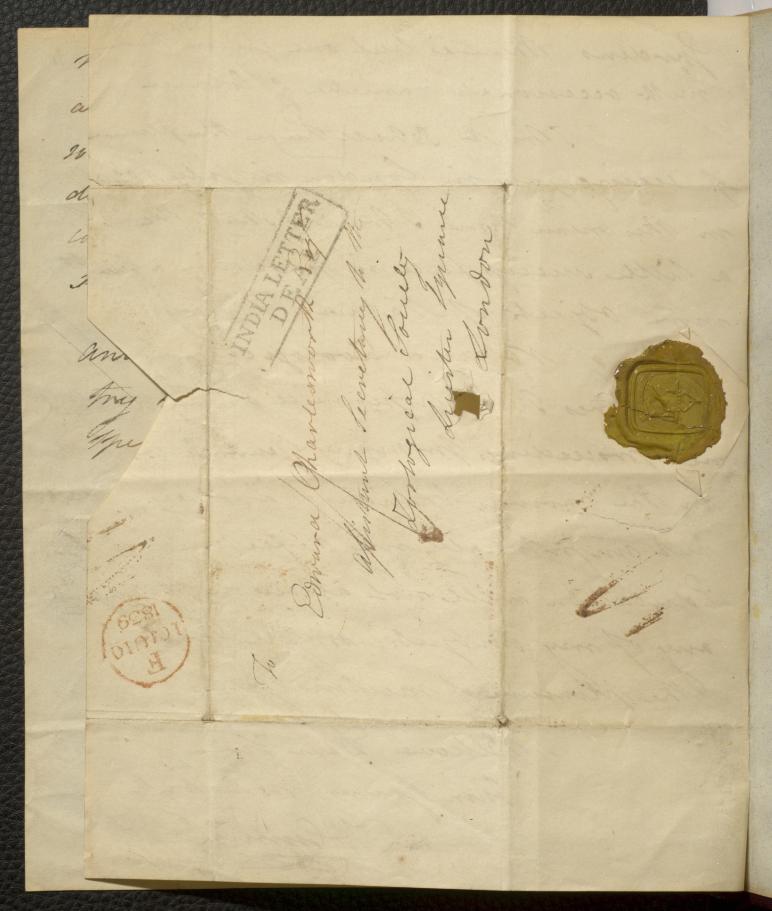
The Davies. april. 1067.

Arthur Sterbert Church, J.A.S. F.G.S. youngest son of John J. Church, edicitor of Bedford Row, was born from 2 nd 1834. Educated wh Things Coll. I the Royal Coll. of Chemistry London " at Lancolno Coll. Oxford, first. - Class in hat, Sci. School Deford, 13.a. 1860., M.a. 1863. Stas been Prof. of Chemis try in the Royal academy since 1879. Lecturer on Organic Clemistry at Coopers the since 1888. Ite was formerly Prof. of Chemis try at Royal Agric - Cultural Coll. Circucister. He is the Discoverer of Turacino an annal Rigment, containing copper & of the only British Cerium runeral! He is author various papers on Precious Times Porcelano, Food, Colors. to ter

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many of the article afforded me consider able Interest purticulonly as I have been Is long absent from any thing like public diacuforon on disentific durquits. I shall consider myself a subscriber to the Men Janes notice of any Reinds and animals come very offertunely I have They the procure more of the interesting Thuces respecting the monthey I am on opinion that many of them Ian be procure for less than half Their papage Money, for their one many of them taken from this place to Rondon, and the this that brings my luns and therior to you will There some onbource. it is my ofining They are Common fremes and theme often seen them in fown if not at the

furdens, There is but one their here meth- occasional vanieties of Colour DO Jowen Miet Thus Ishou have the please Detfora Lynn I seeing you in London in July 1040 in the men time I trust I shall the Och 11- 1044 a little encepperes in procuring a few more object of Natural Thirtony returne home from Throwy, and when of worthy of Nature of Loological that &. M. the Ming the Mires Invita proper mile occupy the proceedings for many Jeuns to circle have Maldeman, the in the various brunches of Loology much oblige if yo the lopy for the may but unfortunally my defective Education will not aflow me to closent Mente, Typomont and any of my bubyut, until Thank A Ciming polisos The plensure of meeting you Belione Dear Fin Sum Jours most muly ( Hemming

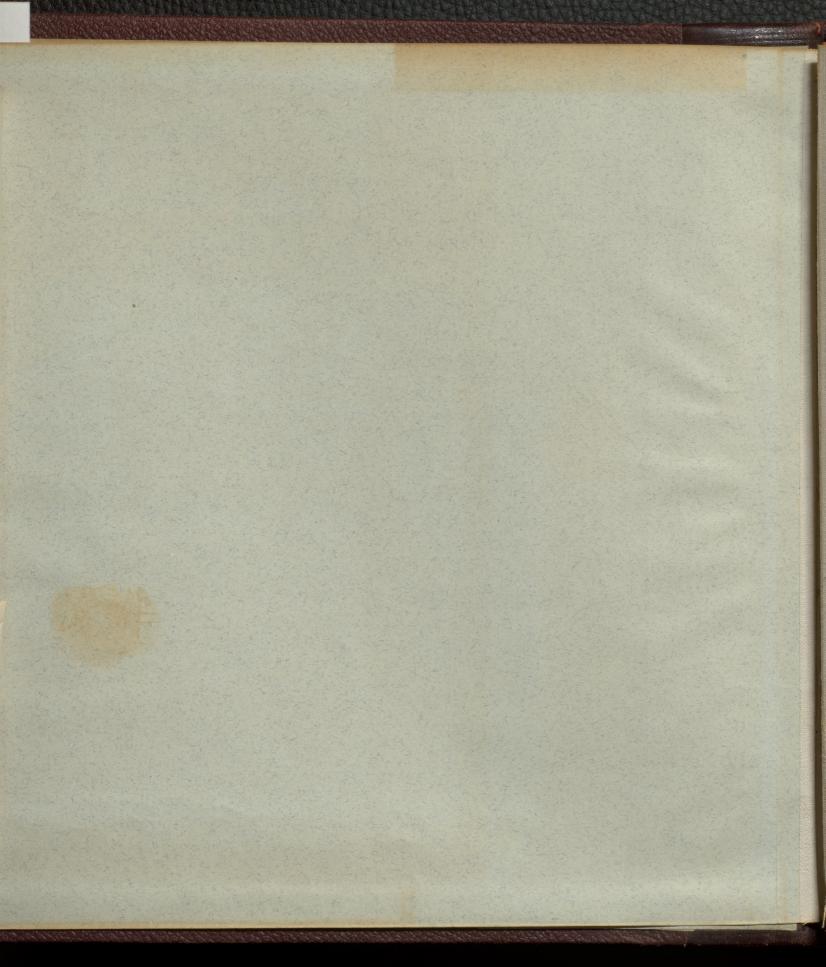


So fower threet Redford Lynn Och 11- 1044 My dem Sui Throw first veture home from The Contiement tust Friday, and when of Copinhugen & former that &. M. the thing of Denmant have not have Muldeman, Shell Therefore. What feel much oblige if you will send me a lomplete Copy. for & mujer arner another for & Menke, Typomond and for the future to vence me 4 lopies of each Incceeding Momben Now do you get on need The Shells. There a lot of Chilean Minds of Lunge time for dale, all at 4 each except The Condor which will be 21/. They are in m excellent order and no doubt would be acceptable to your Murean. Thank also Levere Jenera of mamals from the same locusting quel New to Science buttery described by Waterhour

a 7/each larger ones at 15/- 30/- and 49/41 mills I sence you a dirt of them if they will much you, they will made a most scientific al Polion to your museum how saw your most particular Fruna De Beck at lopenhyen, of any Marry he is worse then ever, he ways he has been Me for a year on more if so it has been drinking of Moer for he much, it in the a Tig . even drunking he has been in great dugran with the Ming but I did my but to get him mito favory To day the Rection for the Curator of the feologieur loudy lakes plane, Torbes won her this morning. he is quele huppy in his french detrution about the Books & a Jam deur hi I Shunderworth Sy June man hery Hamme.



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## R. ISTITUTO

## GEOLOGICO E PALEONTOLOGICO

presso la R. Università di Bologna.

65. Via Zamboni.

DIRETTORE G. CAPELLINI.

Dologno 16 for

Monnieur of hours Olique

Je prend la liberté de vous écrite ancoré, pour vous desnation quelques renseignements pour l'un despusorins pour l'un ses occups à depuyorins pour lesquels je vous ai vouve déjà tout de ma vinte à l'occasion de ma vinte à Londrey l'anuée dornière

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por morphogner in je por morphogner in je pund vour etre utste en Halie. Mos someonis respection à toute votre famille been de shory acuicales à tour mos collègues du musée et paises neur et le plaises?

Votre tret devoue

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Hay tung Chelsea

Chelsea, biscount, M.P., for Bury. St. & Sommets since 1892; J.P.; Gapt. 3rd Bat. Royal Frisiliers. born 1868, cloud son of the 4th Sank Cadogan. Educated at Eton, + Trivily College Combridge.



THE Bourne Brondon h.S. Wales May 12 9 1892 My dear W. Woodward you will be sorry to hear that I have just lost my dear Wefe. a little daughter was som on the 11 to april, puerfural fever Set in shortly afterwards, and The dear nother passed away on the 9 " inst. We had been married A years and & months; it is about 13 years since we frist became engaged, I know her as a little child, and her brother has always hew my greatest cham friend. Her love and comment have been my

Fremain Jours most bruly Stillebourne Brondon h.S. Wales May 12 \$ 1892 J.P. Mortmardly & Danie Ch. My dear D. Woodward Gay for will be sorry to hear In that I have just lost my dear Nefe. a little daughter was som on the 11. april, purposal fever Set in shortly afterwards, and The dear mother passed away on the q " inst. We had been Instruct Ayears and & months; it is about Byears since we frist became engaged, I know her as a little Child, and her brother has always her love and commel have been my

Juding and Stimulating influences during the past 13 years . It is comforting to reflect that no cloud has ever marred our medded life, and that each year found ne nearer and dearer & Each other the past year since the long absence in Ingland seemed like a honeymoon over again. The has left three lettle boys and The infant laughter we had both her wishing for. I am writing now to ask you whether, from your knowledge if me my qualifications and aptilude, you could give me a general recommendation for The position of Jeological Surreyor, Three is a Vacancy on our fell

Fremain Jours most truly

F. Morrimany J. D. J.

Hay tuly Chelsea

Chelsea, biscomet, M.P., for Bury. St. Edmints since 1892; J.P.; Gapt. 3rd Bat. Royal Finsiliers. born 1868, eldest ron of the 4th Soul Cadogan. Educated at Eton, + Trinny College Combridge.

A chuyther of an - of you are you will have been a found to have been about the house of the hou wy mon wand hecoming commen the young of the Wale, and of general Johning when the late Os William, A. y. Brown, Wohner David, and I't Petters, have had some fill book in Wisserm, and a good heal lathy elso give no letter of amilar chosester. With this regards to the others Wardward sprhick lan a Member. I think len fail, Therman of particle minulage Universe that constant superior is a special formal of the superior of the superi Olain to have an extensive knowledge of have had once 13 years geological training your chedient Jourann Sayn & ame Beliew me James Smeuly Meser mphy early

De William Benjamin Carpenter G. B. F. A.S. 1c. Born at Exeter 29th Och. 1813. was the con of Di Lant Carpenter Educated at Bristol & at Inversity Coll. London, Obtained Lurgeons + Apothecaries deplomas in 1835 bleen went to the Edmbright medical School where he graduated. Ite then became lectures on medical Indisprudence + physiology at the Bristol Inedical School. In 1844 he removed to london & was made. Fullerian Professor of physiology at the Royal Enstitution, & was elected to the Royal Society the Same year. In 1856 he was appointed registral to the university of London Carpenter was one of the last examples of an all round naturalist, & his labors keed numerous marks of high his the Royal Society 1861. Lyell medal of the good. Soc. 1883, the LLA, of Educt 1871. A Presidency of the Brokish Assa 1842. Ste died in London hoo. 19. 1886.



University of London,

Burlington Gardens, W.

hov 17 1876 Dear Mr Woodward hu feffreys and I have signed from general know luge", as we do not think that the evidence of Drof. Re qualifications, as it at present thank, is sufficient to protefy our grong a stronger recommendation. De



University of London,

Burlington Gardens, W.

March 1877

Dear Me Moderand Janu Lorry that I Connot claim the pa territy of Mc Edward Carpenters; Though 2 hope that some of my five Don't will do as food work as he seems Ar Woodwards Millings Carpenter

Munas, in Dending he the Certificate, lapres-Let hiniself very hesitalingly about it; and altogether I would dry. pest to you to delay Justling him up wentel he has produced some one Memoir of un doubted excellence, -

of published in the Phil. Francs. 20 much the betters. - I feel dure that be until he shall have done this, he well not have much chance of the 2. Rd.; and it is afainst a man, instead of heary in his pavour, to be hung up" year after year yours sincerely M. Modward ly Carpente,



University of London,

Burlington Gardens, W

March 1877

Dear Me Modelard Janu Lorry that I Connot claim the pa terutes of Mc Edward Carpenter; Though 2 hope that some ofmy five sous will do as food work as he seems Ar Woodwards Mellings Carpenter

Philip Herbert Carpenter m.a., D. Le. (Camb.). F.A.S., J. S. Science master of Ston Collage. was son of D: W. B. Carpenter, C.B., F. R.S., born at Westimmster Feb. 6th 1852. Died at Ston, Oct 22 nd 1891. The was appointed Science master at Eton 1844, being especially charged with the teaching Diology. He was one of the chief authorities on ochinoderm morphology & the acknowledged leader in the study of the Crinoidea. D. D. N. Carpenter Contributed papers to various scientific formals, he Wrote blee article "Eclimo derms for Cassell's hateral thotory, also two Challenger Reports, & with ho? R. Etheridge from made a catalogue of the Blastoided in the British miseum.

Eton College, March. Dear De Woodward Euclosed is the ale amended as you desire. The 10'2 sheets 4 more. ought all to be in type by the 31and so I hope that janvell he able to Pay out all jour frant. Eton College,

Mindsor.

y how.

Dear & Woodward.

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See you on Triday a kout

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uitended to call on you in

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of his works up to 1881, %

Philip Herbert Carpenter m.a., D. Le. (Camb.). F. P.S., J. S. Science master of Ston Collage. was son of D: W. B. Carpenter, C.B., J. R.S., born at Westimmster Feb. 6th 1852. Died at Ston, Oct 22 " 1891. The was appointed Science master at Eton 1844, being especially charged with the teaching biology. He was one of the chief authorities on ochinoderm morphology & the acknowledged leader in the study of the Crinoidea. D. D. N. Carpenter Contributed papers to various scientific formals, he Wrote blee article "Eclimo derms for Cassell's hateral thotory, also two Challenger Reports, & with ho? R. Etheridge from made a catalogue of the Blastoided in the British Inseum.

also a list of rellous besides yourself who he there hs Would lign it if asked. I will get the Certificate, fill it up, & Send it to a few of these, when Send it to you with the list, that you may ask the remainder. He segged me when he

Vas here three Weeks ago to sink the zoology altogether, & to base his claim Exclusively on his palaeon to legical work. I fear that it will be lether awkward Running him against Hinde- but I suppose the latter Would have for in last time Believe we to remain Journ son truly ! PHarpenter!

Philip Ste. Ma. D. Se. (Ca Science mass was con of D F. R.S., born 1852. Died at Ite was approach 28 ton 18 44, with the tea He was one of on Eclimoder of the Crimo Dr. B. B. N. Carp Lo variono so wrote blee a Cassell's hater Challenger. A. Etheridge of the Blas

Heury Woodward. FRS. VE. I au returning two more to Etheridge today. of course I am Entirely in your hands about pecuniary matters, La weekmore orless wout make much difference to P.Harheuter

Eton College,

Thou.

Dear & Woodward. that I could ust come and See you on Triday a kaut nicholson. I spent the morning in town and had entended to call on you in the afterwoon, butwas ob--liged to return home un--expectedly. I have a list of his works up to 1881, %

William Carruthers, F.B.L.,

J. P. J. J. Sheeper of the

Botanical Department in the

British Imseum, hat: Stest.

was born at Moffat 1830.

W. Carruthers has published

numerous papers of Recent to

Fosiel Botany, in fournals to

proceedings of the learned

Societies & in the Seological

Inagazine.

Ste re-edited Lindley & Stutton's

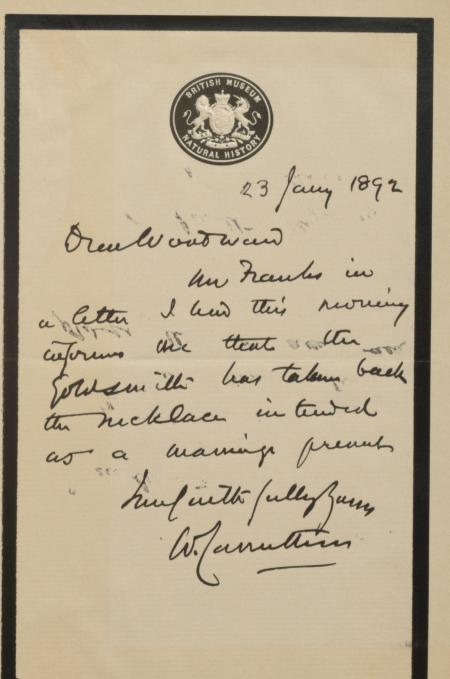
Fossil Flora.





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try dun lover mund he a great hung I have scribble down the Enclosed per two paraprapter un conto. I from the is with Lo food in Expression aryens, but I huntler oft - and Sean to nother Jun-



[Extracted from the Geological Magazine, Dec. III. Vol. X. No. 352, p. 526, November, 1893.]

## EDWARD CHARLESWORTH, F.G.S.

BORN SEPTEMBER 5TH, 1813.

DIED JULY 28TH, 1893.

THERE has lately passed away from the geological ranks one who for many years was a prominent figure at the meetings of the Geological Society and the Geolo

logical Society and the Geologists' Association.

Edward Charlesworth was born at Clapham, Surrey, on the 5th September, 1813. He was the eldest son of the Rev. John Charlesworth, M.A., rector of St. Mildred's, Bread Street, London, and grandson of the Rev. John Charlesworth, a Fellow of Trinity College, Cambridge, and vicar of Ossington.

Mr. Charlesworth's father was much interested in geology, through the influence of Prof. Lambert, and at an early age he imbibed a strong taste for collecting fossils, which became the ruling passion of his life.

He was educated at a private school by the Rev. W. Kitchin, rector of Nedging and Norton, Suffolk, and father of the present Dean of Winchester. At an early age he was articled to an eminent London physician and later on entered Guy's Hospital as a student; but, having a distaste for medicine, he abandoned it and turned his attention to scientific subjects, especially to geology.

When only 22 years of age he published a masterly paper "On the Crag-formation and its Organic Remains" (Phil. Mag. vol. vii. 1835, pp. 81–94). He therein pointed out that the Crag of Suffolk was divisible into two parts, which he termed respectively the "Coralline" and the "Red Crag." These divisions were accepted by Lyell, and they have now become permanently established. He subsequently pointed out that the Crag of Norfolk formed a newer division, which he named the "Mammaliferous Crag"; but to this bed the term "Norwich Crag" is now generally applied.

In 1835 Mr. Charlesworth was elected a Fellow of the Geological Society of London, and remained a Fellow up to the time of his

death—nearly sixty years.

In the same year (1835) he was elected an Honorary Curator of the Ipswich Museum, where some of his early collections of Crag fossils are still preserved. He read a paper "On the remains of Vertebrate animals found in the Tertiary beds of Norfolk and Suffolk" before the Geological Section of the British Association at

113 A Thank Wednesday Dear Prof. Owen I have Cemporarily hi my possession a series of specimens per the Enforte Cag which I thought For might like to see in convexion with your Cabors when the Cray Cetacea They are Joines to my Correspon. dent at York Mr Reed

CARROW HOUSE,
NORWICH.
1043ebfg1

Drar Mr. Woodward, I am very much

obliged for the two letter publications you have cent me. They will be, Inud harbly tray, taken long care of in my sorpola library.

Hery bruly gours Molenas

D. A. Woodward Natural Riston Museum Cromwell B. Skensington SM.

CARROW HOUSE,
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but I have no doubt that These and other pine Cetaceau Fossils hihis Museum, might at any line be borrowed for the purpose of publica. hon and scientific des. Cription. The accompanying fraquelet of hiphins Tostamhus along Phi aternal grossel a series of shallow fits. Can these have any

CARROW HOUSE,
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Drar Mr. Bootward I am very much obliged for the two letter publications you have lent me. They will be, Inud hartly tray, taken long care of in my dorfolk library. Hery bruly gours Molinas

D. A. Woodward Natural Rictor Museum Cromwell Ro. Skensington S.M.

CARROW HOUSE,
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Distroodward, nuseum, Cromwell B. Skinsington.

Bristol, in 1836, presided over by Prof. Dr. Buckland. In the same year he obtained an appointment on the staff of the British Museum. In 1837 Mr. Charlesworth was appointed an Assistant to the Museum of the Zoological Society of London, in Leicester Square; he also succeeded Loudon as Editor of the "Magazine of Natural History," which he continued to conduct until 1840. At this time he contributed several papers, on the comparative age of Tertiary deposits; on Voluta Lamberti; on Terebratula variabilis; and on the teeth of

Carcharodon megalodon from the Crag, etc.

In 1840 he left England to take charge of a young gentleman of fortune and travel with him through Central America. At this time he occupied himself in patenting an "elevator gun," which he believed to be indispensable for the naturalist and explorer abroad, and hoped to see adopted also for the British army. Twenty years later an enterprising American, Mr. Pomeroy Button, of Cheapside, obtained for it, by advertising extensively, an ephemeral success of a few months and a temporary accession of capital to its inventor; but

it was of too brief duration to lead on to fortune.

On returning to England Edward Charlesworth was, in 1844, appointed successor to Prof. John Phillips, as Curator to the Yorkshire Philosophical Society's Museum in York, a post which he held In 1846 he brought out the "London Geological Journal," which contained most valuable contributions from the leading palæontologists of the day, and occasionally strong and useful critiques on some of their published facts and opinions. publication was profusely illustrated by plates; but unfortunately it only extended to three numbers and ceased in 1847.

In this MAGAZINE he contributed a valuable paper on the occurrence

of flint in the pulp-cavity of a tooth of Mosasaurus.

On Mr. Charlesworth's retirement from York, in 1858, he settled for a time in London, and carried on a Natural History and Geological Agency; but his predilection for the Suffolk Crag caused him to spend much of his time in the Orford, Sutton, and Woodbridge districts in search of fossils. In this he was largely aided by his kind friends, Mr. William Colchester, F.G.S., then of Grundisburgh Hall, near Woodbridge, and Mr. Searles V. Wood, F.G.S., and his son Mr. Searles V. Wood, jun. Encouraged and supported by Mr. William Reed, of York, Edward Charlesworth was, for many years, one of the most active buyers of fossils in London; always seeking to secure the best specimens and paying the highest price for them. In fact, he devoted himself almost solely to the purchase of specimens for Mr. Reed and the British Museum; and the "Reed Room" in the York Museum, and the National Collection, both contain numerous evidences of his keen powers as a collector, especially of the fossils of the Crag District. He was the first naturalist to introduce glass-topped boxes into use in museums for the preservation of delicate specimens, and he set up a manufactory of round glass-topped boxes on a large scale. But it must be confessed that he did not succeed as a man of business, owing to the absence of training in early life. Some of his scientific papers are most excellent, and, as a speaker, he was possessed of great fluency and keen powers of argument. He seldom appeared at a scientific meeting in which he did not take part in the discussion, and, if possible, divert it to the Suffolk Crag, the formation of flint, or some other of his pet theories, about which he never grew tired of collecting evidence and challenging inquiry among his brother geologists.

One of his most recent papers was upon flints, and was com-

municated to the Victoria Institute.

Mr. Charlesworth was greatly interested in the "Oaths Bill"—especially in reference to the swearing of children whose evidence had to be given in Courts of Justice—a practice he was instrumental in getting abolished. He also took an active part in the establishment of the "Society for the Prevention of Cruelty to Children." His sister, Miss M. L. Charlesworth, wrote the story of "Ministering Children," one of the most widely-circulated children's books ever written.

The Royal Society gives a list of 28 papers on scientific subjects, published by Edward Charlesworth; but he printed and circulated at his own expense an immense number of pamphlets on various social and other subjects, and as a correspondent he probably will never be surpassed for the abundance and length of his letters. Referring to his wonderful powers as a speaker, the Rev. William Vernon Harcourt (founder of the British Association) is reported to have said of him ("York Herald," February 7, 1857): "Mr. Charlesworth has shown us that he is not only intimately acquainted with extinct creatures, but that he has a knowledge of, and knows how to influence, the living creation."

He died at his residence at Saffron Walden, after a comparatively

short illness, on the 28th July, at the age of eighty years.

H.W.

113 A Thank Wednesday Dear Prof. Owen I have Cemporarily hi my possession a series of specimens how the tufosh Cay which I Thought Fre might like to see in convexion with your Cabors when the Cray Cetacea They are going to my Correspon. dent at york In Reed



Sidney Colvin, M. A. Heeper of Prints & Drawings in the British mineum 1884. Born at norwood 18th from 1845. Educated at Trinky College Cambridge (Scholar) Fellow Of Trinky College 1868. Llade Professor of Fine Arts Gand 1873-85. Director of the Fitzwilliam Innsense 1846-84. He has contributed numerous papers on thistory & Criticisms of Fine Art, to periodical literature. The Life of Freater (1887) He is engaged in preparing the Life of Freater (1887)



December 29/92

## BRITISH MUSEUM,

LONDON: W.C.

my dear D'. Woodward, I am much obligat for you kindness in dending these Calley dilding oranings which I should have been glasto take, but that they are inlutif not in frod ennyle condition - A no leng spiled & folding + Crusting, of the other two of the initials & numerals unter in strang black ink

Edward William Cooke, B.a., Born at Pentonville, London 27 march 1811. died at lylen Andred, Groombridge, near Imbridge boiles, jan 4 th 1880. At the age of q, he was employed in drawing upon wood plants from nature in Loddedge's murbery grounds Nackney, to illustrate John London's Encyclopedia of plants" Ite studled pointing muder Clarkson Stamfield R.a. In 1825 produced the sign of the "I'd thip Stolet "at Brighton. Ite studied archetecture under Augustus Pugin, but soon gave this up for the Study of Boats. In 1826 he painted his first picture "A view of Broadstowns." Goote was elected an associate. of the R.am 1851. I am R.am 1864. He selvibited in all 244 netures, chiefly movine subjects.

Dec. 6 th 1872. Dear M. Woodward, You letter came When I was away from home, attending a meet The Studies of Perwines were made from theteher Taken on the spot in 1846. you may remember the Very retteresting report Sent by the Sciengisti of Italy to the Geologice Society - & ruther to please Sie Roderiek

on the face of the unt. -9 Auefor return fymi menerger, als is also the heaver of this letter, and on not thanks, Juno mentrial Didney Colon

Thing I Say on the Jubjech I got up these studies-With Kind legards byou they are Key rough, but and the Wood ward her I can bouch for their being Which my Jamily jours Correct. It, when you go to the Brighton Halion & Believe me Jours Key bruly Externe to Londow, you will G.M. Cooke. Ed have there booked for the Bor hering there pucked to may to seeme the west well) I shall hope to week is they will come direch You book at the Geol Soe. for here Wa Lewes." In regreh that I caucah be Henry Hoodward Englin he at Brighton to hear your pro lecture - but I their an had I been able togo, to I could have found tome of the R.a in 1851. I am R.a m

of the R.a in 1851. I am R.a m 1864. 'He selvibiled in all 244 pictures, chiefly marine subjects.



PROFESSOR E. D. COPE.

Professor Edward Drinker
Gope, haturalist & Compara- live anatomist, born at
Philadelphia, July 28 th 1840.
Professor of Geology & Palacontology
in the University of Permoyl- vaina.

He explored the Cretacions for- mations of Transas, the Eocene
of boyoming, I the tertiary beds
of Colorado, & various other
formations.

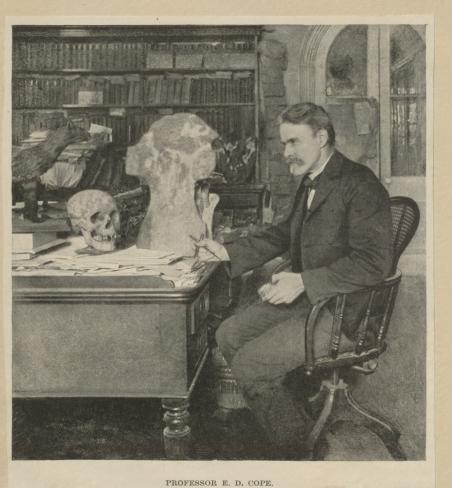
Ne has published unmerous
papers describing the vertebrate fossils, resuling from
these explorations.

Died April 12 th 1897.

Mil 10 2100 Pine St Philadel

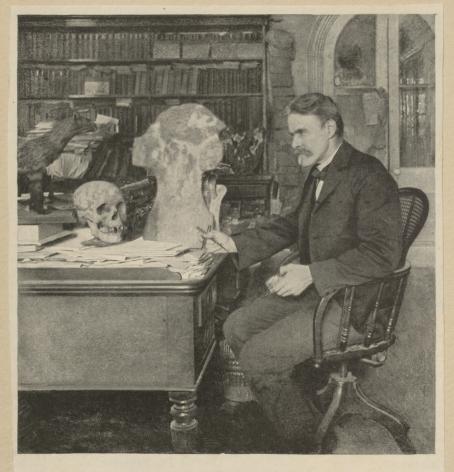
Mil 10 10 - phine US. 5/27 -85 Henry Woodward Esq. Reardin: -Ernelose to you a unulu of separata of papers which illustrate various growfs of Letinet Manualia. They form a similar and in some orspects and anie com--wentery on the vol. III of the Hay ven US. God. Venory Leries which is just out and of which copies have been alonary sulto England. Thouling on wish to Friend any of there pa-

Mila Uphia Dec. 12th 1889 De Moodvent My Vin Sii: Invavored to make an achange with the museum of Brusselle for the two ear of Phenacoons x Agraed Missing schilites at Pais. But I so not hear from them, and I think it possible that the Awire - on agent then, may have shipper them to you by this time. There will be some refracio of hous port ation, which I by you to frag out of the price



fores or the volume in ques--tion Durch funds you with electrotypes of any of the cuts you may and is for illustration in the Leo Cogical Magazine. Lusto to callyour attention to The paper on Ambly poda, and also The first 2 pages of that on Conglartha with reference to the work trently published by Propo Marshon The Davo--cerata. Lane way think Edwar J. Cope

Wila Uphia Dec. 12th 1889 Dr. Woodvant Imravom 6 make an achange with the museum of Brusselle for the two ear of Phenacoons + Agraed Missimm) whilited at Pais. But I so not hear from them, and I think it possible that The Awire - on agent then may have shipper them to you by this time. There will In some refreches of hous port ation, which I by you to frag out at the finice



PROFESSOR E. D. COPE.

Professor Edward Drinker
Cope, naturalist & compara- live anatomist, born at

Philadelphia, July 28 th 1840.

Professor of Geology & Baldontology
in the University of Permoyl- vaina.

He explored the Cretacions for- mations of Transas, the Eocene
of Wyoming, I the tertiary beds
of Colorado, & various other
formations.

He has published numerous
papers describing the vertebrate fossils, resuling from
these explorations.

Died April 12 th 1897.

of whatsor you way sell I hope hercier. of the three casts of ty. Lam satisfied Mak -race therium now in your Prop. Marsh's Incuato ho is prosession. Brhafia hove Polyonay (1864) & his Cristops -word may make amangeis Monoclonius (1876). I will . - mento with The Brussels fullest Some figures of , people before the casts the latter shortly. Aga. an sent you. - thannal (18 y 2 ) is one of Afron sonot know the same family, which · Apany distraction of the I call the Agathannidae. easts from Jains Chat can Oplowse I am intelter - be mare, kindly let me A Marsh's fine specimens · know and I will take for my ability to connect them of fyour hands in some of the fraguents I have desember. I suit a pair of El-Orughout yours - Ectifus of Emperior to Edw. D. Cope Wedysekku needt which

stiller lollen dodge Cambridge 2 August 1871. My dear Si I am olliged by your note uspecting di Jeckenty's collection. he rely here whom obtaining funds for the function of The Collection by means of a subscription aided by a contribution fine the miversit, but ar can do uthing in the matter

Itemy willanson Cookson, D.D. master of Peterhouse. Born at Thendal, westmoreland 10 th april 1810. died in Peterhouse Lodge, 30th Lep. 1846. Was the fostern of the Pack wordsworth." Tas educated at Trendal framonar School + at Sedbergh School. JOchober 1828 he Commenced residence at It Pelers Collèges, som after he was appointed Intos 1 m 1844 he succeeded He stodeson as master of his college. I as rector of Glaston in Buttand. - chire till 1844 when this Rectory was detached from the Itead mastership . Ite was besident of the Combridge Philosophical Localy 1865-6. He was elected orce-chancellor of the miscrothy four times 1848, 1864, 1842, 873.

James Ludovic Lindsay, 26th Barl of Cranoford, It. J. D.L., J.P., L.D., J. R. P. J., D.P.S.a.

Trustee of the British Immseum, born at St. Germain - en . Laye France, 28th July 1844.

Educated at Timity College Combridge. President of the Astronomical Lociety.

M. P. for loigan, 1874-80.

Jo President of the Gamden.

Lociety.

9. July. 87. Dear Dr Woodward a friend ofmine, Seneral Bateson, has a slate Quanybetween the layers of slate he finds a curious sort of grease Earth. He has asked we if I know what it is, or if it is fary value. but un fortunately I know nothing of the subject -

stiller lollen dodge Cambridge 2 August 1871. My dear Si I am olliged by your note uspecting di Jeckenty's collection. he rely here whom obtaining funds for the function of The Collection by means of a subscription aided by a contribution fine the miversit, but ar can do uthing in the matter

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Can you give me any information about it. I send with this letter a lump of the Earth. Hay simerely gest

tile October. If it new the case that The Collection were to have some of its choicest treasure, taken away from it po the Buitish Museum and that we were only to have the apportunity of punchasing the remainder, then I thish that he should Sail in our attempt to vaise fund for the purpose, but it the Collection were

made up with two portions and we could say that the British Museum front and the other of and if the two portions containes equal shares I the most valuable Specimens, then it is probable that the division would be advantagous toth puchares. de Elheride is well

Can you give me any information about it. I sent with this letter a lump of the Earth Hawford.

acquainter with the want on Museum and if he foes with con. to Scarborough he could tele for what we should like to have. I think that a Report June for and M" Etheridge would be wiraluable and I think it is very soutikely that our wishe. would be at all antagon tie to source shall I write to his Sechanby? You can of course There him this like the H.W. Cook ou?

Can you give me any information about it. I send with this letter a lump of the Earth My sincerely 548 William Iwee Hand Dallas.

F. L.P., Assistant Lecretary of the Geological Society.

Born at Selington 31st Jammary 1824. Arid at Trensington 29th may 1890.

Collector of Enricts when only a boy. Dallas was author of "A hatwal History of the Animal Fingdon" "Sements of Intomology" an "Outhor of the hatwal History & Classification of British Insects."

\* papers in the Journal of the Entonological Society of Jamals

I hagazine of natural History,

I the Bolitical the Quarkerly Journal



GEOLOGICAL SOCIETY,

BURLINCTON HOUSE W.

15 May 1804

My clear Modward)

Inthum Frans'

portcard, as it has some
information upon it. which
is frinteress to you.

Butin we

June my horly

M.J. Dallas

GEOLOGICAL SOCIETY.

BURLINGTON HOUSE, W

8 July 1867

My dear Mortrom Enclosed Lund you are of Ettingohansen's paper - Ver other has in som in ueplicable marin you separated from the 8then papers Nich are Inforthe Council, but Juste find it trun it by part. grus truly M. L. Dallas



Dames, Wilhelm Barnen, Born June 9th 1643 at Stolp in Comerama, Educated at Breslan + at Berlin. He graduated at Brestan in 1868. In 1871 he assistant in the Geological Min semme Berlin, & became Custos in 1875 He was appointed Professor on the miversity on the death of Beyrich in 1892. \* was elected a member of the russian Academy of Sciences in 1892. Are worked at the purassec Echinoidea of NW Germany, which papers were published by the german geol. Poc. In 1871. Later he began to take interest in the Pertebrata He published a memon on the 2nd specimen of Archaeopleryk in 1884. From 1885 he was joint editor of the " newes jahrbnek für nimeralogy. Dr. Dames died December 22 " 1898. Ongo

Parlin, the 23 Mars 1883

Dear Sir!

Sis Kichard Owen has favoured me with a peruission to cheedy the archard Museum. It shall be for this purpose I shall be there in april and request you here with, as this for the department of paleonhology to give me also the permission for the sheeder in question. There we ho be, dear dir, your tryly Professor to Dames of the Museurity of Bulic.

address: W. Berlin, Keithstrasse 18.11.

Dear Sir!

for the dying the two speciment of What opkeryx of found, that Mr. Owen har described the rings ferrus als the left, and so with all bones of the arm and the beg. That is the most clear in the left leg, with he described as the right at first there is seen the first digit, than the seast, than the third and the fourth is covered beg the ofher. This would not be possible, if this were the right leg, as inch rated by Mr. Owen. It is the raw with the pelois and also with the arms, - Now Fremules that three or four years ago the deceased Ronalewrky raid to me, that rome eight paleonhologith had made the same obsernation, but he said not, where this observation is published .- for the Likerature over archaeophrya, which I have in my hauts, is nothing to be found of sent are observation. min

Berlin J. 20. VI. 1886

Dear Sir!

I Thall publish in the next Line a small paper on fossil Constance of the relaceous formation. Among these there is a Toyllawr- alitomen closely like that of living species .-From Of fossil Loglarur & fins a derription in Desmared Mittoine naturelle der Constacir formiler pag. 120). Des merest rays, that Southans Mantelli is found on the coast of England, but he indicates no formation That Foer Mr: Morrer in hir cahalogue of britit fossilo pag. 76, where Joythrar Manhell: is said to be from the chalk of Lewer. Rus than, in your



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Berlin, the 23 Mars 1883

Dear Sir!

Sio Michaed Power has favoured me with a permission to chudy the archaeop hery of the London Museum. For this purpose I shall be there in april and request you here with, as the fof the department of paleonhology to give me also the permission for the sheeder in question. The sheeter in question. Whelieve me to be, dear Sir, yours tryly

Orofessor to Dames of the Mururily of Buli.

address: W. Berlin, Keithstrasse 18.11.

for the opleryx descrit and so leg. T. leg, mi there is than the bey the of this Mr. Owe alos m' that & Ronales paleons nation nator archaeop nothing

escellent latalogue of fossil Crusto cea (1874) I cannot find mention of this species, and it resure thereby, that it is obsolet.

I would be soere, gratefull, if you have the kintness to informing me with few worths, how it is well loglams Mandelli.

Your very truly

Orofessor Dames

Address:

Professor Dames Berlin W. Keithstrasse 18. T.



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I should be you very thankfull, if
you had the hindness to give me with
a brief notice the litate of this obserwat fa,I remember with the greatest pleasure
out very thankfull to you ain the
offer first of our plended numbers
the days I was in Loudon. Your kindness
in giving the permission of the skeetyof
your archaeop luys was of the greatest
value for me. - fo the next days I thall
send you a copy of our specimen, printed
in volours.

Jan Jouer very Levely

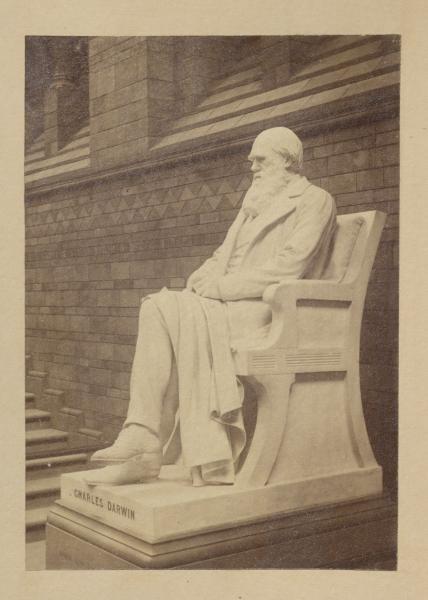
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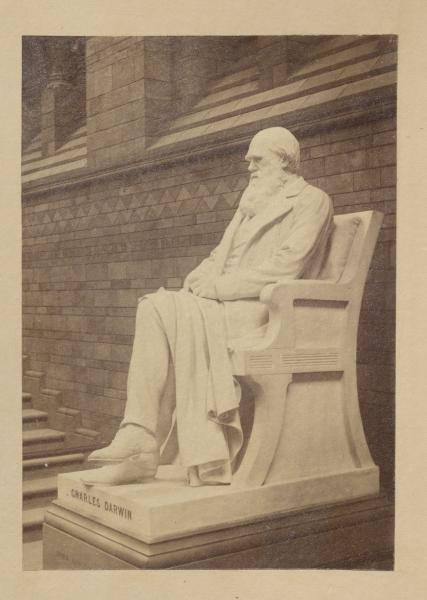




Charles Darrow. M.a., F.R.S. 361e. J.S.P., F. J.S. tc. tc. Born at Shrewsbury Feb 12. 1809. died Down, Hent & April 19. 1882. The was grandson of D: Etasimus Darwise F. R.S., + of Josiah Wedgevood He was appointed in 1831, as hatu-- ralist to the Surveying Expedition of H. M. S. Beagle in the Southern leas. On his return he published a fournal of Researches into the Geology & natural Isistory "of the barious countries he visited. He wrote "Structure & Distribution of Coral Reefs " Geological Observations on Volcanic Islands" Geological Observations on South america. "Monograph of the Family Cirripedia" Origin of Species Descent of man; 1 various other Botonical + Zoological works.

Clianithus good wiles & may sty return to In . Wheneve I Le Ine I shill hake myself direguelle & asking you what orifice work In her begun, the sin fair have may grow bette to bette know t knowed die Welchung Ein Smith

Down Fambonigh Kent Jan. 18th. Iz den Waler Louis I thank you servered In Thinking of me & my ailmati. Traj site my. most respectful conflinato I best thent, to m. Deshages, for his kind niterat & Drice. I will nt fryet it, let it word ucinia a proceeper

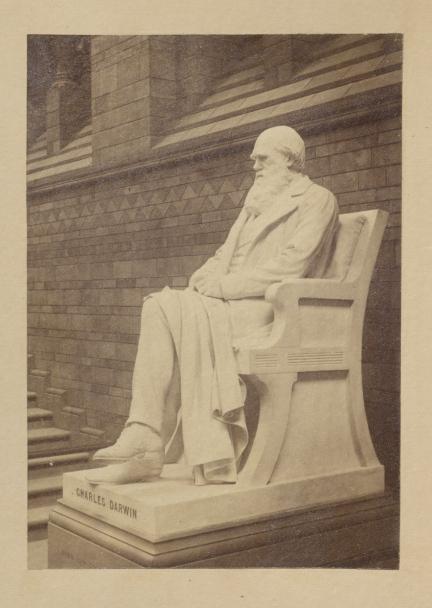




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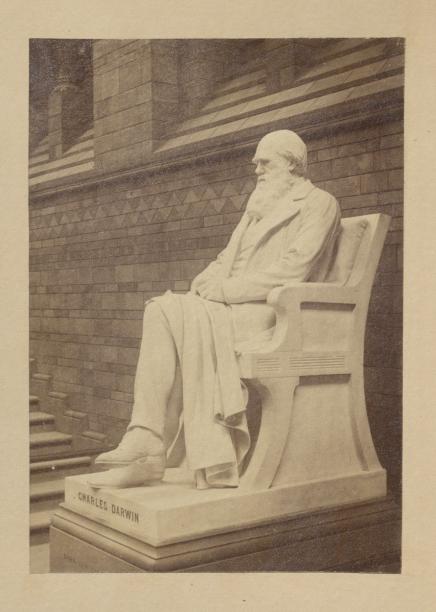
Som Farbonyh Went Z dear Waterline Iwo of y Bys are become andert Legistretteriti, & J want much t kum whether the ay ysterdi work a Leperopter, Merdy easy. I very it be up much Myd of you and inform me. I look at it of fin pedie for the withlest making at the w hands for deraition, & of ht ithe work, were Meeting or we penny with

purches to Sag in from y home To foreign land. I have just lety had a veg bed fortnight, Mensie in his her seen my at the museum This week hat the the fortnight I har been much bette then for to last 3 sears. I seture sur ale sur



men figure. - I han Fleghen, work, but he use such Tree Huly hard wars; & Then is my Symposis. West word - his Modern Objetication he forgini et ent, but Then it i unt afrandinay he Le giles to character for to Farities & Jul- familie, only generic derciftion. John Luttrik her lest

me Humphays & West words magnificent work, but & Len again Then i nothing like a Sympic id a it would lake hours to go Liffing Though The when the fine to seeme Farilie, & fick out To efsertiet chandler out of The Diffue Recipline. Does a Books med an I want, wit as Bitih Lepi Islen? How Theye if Inch



for ut wit bill su be 10 kind a t eller hat June must Trus C. Larvin In to Bullerthin Steplens fre pety well, on he given som sout of a Tympics i hat which viet de latinised English de Goer use. in shore of lack

C. Derwin July 8,55

Climithus good wiles & may soly return to you. Whenever I Le In I shall hake myself disequelle & asking you what orifice work In her begun, the sin fair name may grow bette & bette known t knowed die Welsterne En granie

Jeb 9 1882

BECKENHAM, KENT.

Dear Sir I am pleased to hear that my book on earth-worms has interested you; and I thank you for your very kind ffer of the slab of saws stone with annelis tracks. Will you be so good as to address it to me as

follows:

Feb. 136

DOWN,
BECKENHAM, KENT.
RAILWAY STATION
ORPINGTON SER

ORPINCTON. S.E.R Dea in Worder I have copied to ple with plenon. may thather for you letter which has interested a in may ways. That about a Limules 1 mits like a fast along in terestry hicry I am Might for you then't Upopines which me ky gen. I go on waking in a humbe way togis to all a few tom me builting up to get & hour of dience. (h. Deni

DOWN,
BECKENHAM, KENT.
RAILWAY STATION

C. Darwin Orpington Station S. E. Ry

With respect to the active ?

Live so retired a life that

I cannot advive you.

But if you think fit you

can write to Prof Judd FRI

/ whom I look at as the

mort able of living geologists, and using my name ask for ma advice. I do not suppor that he has time to lecture huiself, but I am not me of this, and he could advise som. His addrep is School of Science, S. Kensington Again Manky son I remain dear Sir, yours faith fully Charles Dans in

Feb. 13 6

DOWN,
BECKENHAM, KENT.
RAILWAY STATION
ORPINGTON S.E.P.

ORPINCTON. S.E.R Dea in Worden I have copied to ple with plenon. may thather for you letter which has interested a in may ways. That about a Limules 1 mits like a fast along in terestry hicry I am Might In you then't Upopines which me ky gen. I go on waking in a humbe way togig to all a few tom me builting up a get & hour of dience. ( h. Deni



Professor James Dwight Dana Il. A., F. R.I. born at litica, new york, Feb. 12. 1813 Professor of natural History A geology in yale College Im 1836 he was appointed hime - ralogist & geologist to the W.S. Exploring expedition, under Com-- modore bolles. The prepared three reports of his observations during the Expedi - how, " On the "gooply tes" on the Geology of the Pacific He is also author of a book "mineralogy" a " manual of Geology" " Text Book of Jeology Coral Islands" & Characteristics of Volcanoes, with facts from the Stawaiian Islands.

New Hann, Dec. 3. 1880

My Dear me Woodward - Jone Know with yethe 16th elt., and thank you for your after of your page for my article. On it is too late now to get the electrotypes to you in time for your January number, & think I had better give you later, When the whole memoir is published, They have a governd bearing on the use of lethological character on a means of distinguis bing the age of Crystalline terranes, and this print- has been before me in all my studies of our green mountain region.

my dem har Woodward you cand was received two days sime; and yetuday I sent you a telegram amounting What I would have you the electisty per tomorrow. They go by port, an regulard matter, and I hope may reach you broughtly would have not up the article in advance of receiving the cleatry for to should not have herstaled arts lending them. But It seemed The already too late for the gartile to appear in you January no - that for which spore destinatit, and hence my change of plan. I regret exceedingly that I made the shange. I hope that

New Hann Der . 29. 6880 Wednesday They dear Mr Coodward found that one of the outs going the weight allowed for such package by post and whose I have to hend the by Edwen. I hope that the pachage will reach the Steamer of tomorrow, but think it were probable that It will be delayed until faturday ou her it a sure Depren this I. M. It goe with repres Chare or paid. — bland the repeated deland the repeated deland worm farmer D. Dana of metalling in the state of th

The conclusion therefore on not of local interest but fundamental. The value of Auch a criterion of goologuel age having her carnestly engel and the without any effort to deir cover or study wife facts that might duppert the to meaning to claimed. Goology had proved that there was done reason for truling the widence from formils i Jand I went for formils on the widence needed to determ the age of even emptelline on means I have finally, reached a conclusion that leave to lethologish Canon little to Stand on. The December no. on Omerican Journal quies the final result anto the Green mountains;

the Hawaiian Islands.

my dem mr Woodward You card was received two days sime; and yetuday I sent you a telegram amounting What I would have you the electrotypes tomorrow. They go by port, an regulard matter, and I hope may reach you broughtly would have not up the article in advance of receiving the clothelypes to should not have herstaled arts lending them. But It seemed The already too late for the gartile to appear in you January no - that for which spoon destinatit, and hence my change of plan. I regret exceedingly that I made the shange. I hope that

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Professor James Dwight Dana
11. A., F.R., born at whice new

York, Feb. 12. 16. 1813

Professor of hateval History

A geology in yale College

In 1836 he was appointed hime

- ralogist & geologist to the U.S.

Replosing expedition, under Com
modore wilks.

We prepared three reports of his

observations during the Expedi
lion, "On the Joohlytes"

On the Geology of the Pacific

\* on "Crustaceal.

We is also author of a book

"Inineralogy" A "Manual of

Geology" "Jeel Book of Jeology"

Coral Islands" & Characteristics

of Volcanoes, with facts from

the Hawaiian Islands."

kut yal yau

the telegram reached goule fore

My letter.

I will still have in view

the winting up the ornain points in

May Cymen Mountain papers for

your very baluable formal of

your derile it, and hend

electrotypes to blushate the subject:

Went only fruity your

James & Dana

Henry Woodward 8.8.5.

New Hann Der . 29. (880 Wednesday They dem Mr Coodward fruit that one of the outs going the weight allowed for such package by post and hime I have to hend the by Edwer. I hope that the pachage will reach the Steamer of tomorrow, but think it were probable that it will be delayed until faturday, when it a here Depren this P. M. It goe with repres Chare or paid. — bland the repeated deland beneating your farmer D. Dana



Lawous Ablily Vacanting May 19
Dear M Woodward Mr Sharp tells
we that my old schoolfellow Leview is, as he supposed, not now at the

Lir Henry Edward Legh Dryden, D.L., Bart born Ang. 17th 1818. Educated at Shrewstury. Lat Trinity College Cambridge, In. A. 1839.



Museum, so Itale I vish you would the liberty of tenthing find one of these you. I have no wen of ask him! to doubt that theware do the inclosed. I probably the I could do the Neck reading room sho matter in an hore are professional if I was there; but transmiter. I can't go up now.

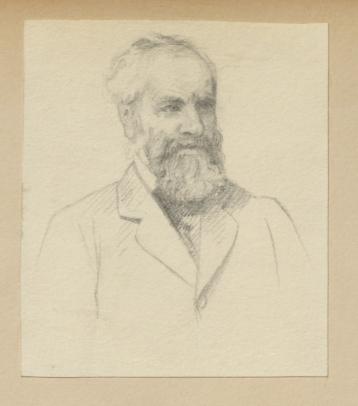
Lir Hury Edward Leigh Dryden, D.L., Bart born Ang. 17th 1818. Educated at Shrewbury. Lat Trinity College Cambridge, In. A. 1839.



The of the cornisites of North has just been pulled down of rome other and to follow. This very vexing.

Yours truly & Aryden

Lir Hury Edward Leigh Dryden, W.L., Bart born Ang. 14th 1818. Educated at Shrewstwy. Lat Trivily College Cambridge, Mr. A. 1839.



Thomas Davidson, I.D., J.R.S., F. 81., F.L.S., Born in Edinburgh 17 may 1814. Died at Brighton 14 Och. 1885 Author of "British Fossil Brachespoda "published in 5 quarto volumes by the Palacouts. - graplical Society, with over 200 plates drawn by the hand of hor Davidson. He also wrote the article Brachiopoda "for the Bucyclopædia Britannica, + monographed the Brachispoda Collected during the Exploring Expedition of A. In. S. Challenger" The also wrote a memoir on Recent-Brachiopoda for the Linnean Lociety. Dr. Adordson bequeatted his magnificent collection of Recent A Fossil Brachiopoda, with his books & drawings, to the geological Department of the British museum

面

9. Salisburg Road Brighton 28. June 1885

Dear D. Woodwar,

I have been to my ill the

last few days that I can could

not write to thank for your any

kind letter of the 25th I fear

I have the Jame complant of

which your dear Brother Samuel

and my my dear freed, died,

The difficulty I experience in

breathing & cough appear to

me the Jame - The doctors who

have been attendy me insist

that I must leave Brighton

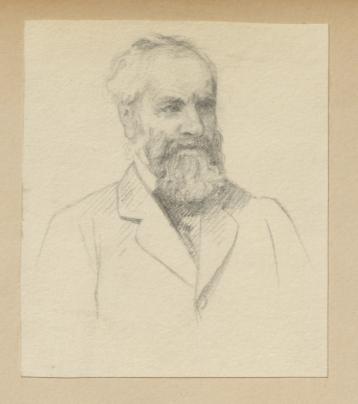
for the country, in land willled



g. Salisburg Road Brighton 14 Dec 1884

Oth last we have the vol. of the Pal Soc. for 1884. It is a fine large volume & I was glad to find in it the complete on the Carboniferous Tribbely creedland as are all your work, I so much admire your dought, the best lethograph drawer, in this county. I her places in this county. I her places do has infinite credit.

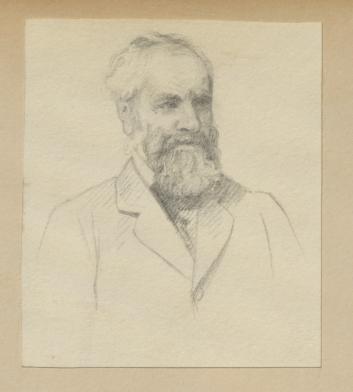
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Thomas Davidson, I.D., F.R.S., F. 81., F.L.S., Born in Edinburgh 17 may 1814. Died at Brighton 14 Och. 1885 Author of "British Fossil Brachespoda "published in 5 quarto volumes by the Palacouts. -graphical Society, with over 200 plates drawn by the hand of ho. Davidson. He also wrote the article Brachiopoda "for the Bucyclopadia Britannica, + monographed the Brachispoda Collected during the Exploring Expedition of A. In. S. Challenger" The also wrote a memoir on Recent Brachiopoda for the Linnaan Society. Dr. Adordion bequeatted his magnificent collection of Recent A Fossiel Brachiopoda, with his books & drawings, to the geological Department of the British museum

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William Davies, F.G.P.

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19 # Dic 12 1843, I retired in 1889, having tary Deposits, in the British been in the service of the Trustees for 44 years.

## OBITUARY.

THE PALEONTOLOGICAL WORK OF THE LATE WILLIAM DAVIES, F.G.S. TN Mr. William Davies, whose death we regretted to have to record last month, another link between the present school and the pioneers in British Vertebrate Palæontology has been severed. His official connexion with the British Museum placed him in the midst eetis elongatus, of a circle which included Mantell, Owen, Falconer, Agassiz, Egerton, wesiensis, ibid. Hugh Miller, and others, at a time when they were actively engaged in prosecuting those researches which form the basis of subsequent investigation. His mind, already imbued with the scientific method itish Museum, and deeply interested in the problems of Natural History, was soon permanently influenced by such associations; and the result was a keenness of perception in the determination of fragmentary remains South Wales, of Vertebrata that has rarely been surpassed. In this manner Mr. Davies not only became a trusted ally and adviser of the old school mations, ibid. of investigators, but also proved himself one of the best of helpers rales (Ffynnon to the later generations that have succeeded. There are few workers 17-19. of the last three decades in Vertebrate Palæontology who have not it Dorsetshire, been indebted to Mr. Davies at some time for advice in difficult problems, and there are many who owe much to his kindly manner I recovering and the influence of his enthusiasm.

In his influence upon others, indeed, and in the remarkable skill the Pleistowith which he was able to preserve and mount even the most unpromising fossils, lay Mr. Davies' chief power as a factor in the progress of Palæontology. Wanting the literary training which it though by was difficult for any but the rich to obtain during his early years, a played an he usually avoided the laborious task of writing an account of his ek acknowwork in a suitable form for publication. His discoveries and con-first part of clusions were always at the service of those who could make best of the first use of them; and he was never in a happier mood than when ossil Fishes <sup>1</sup> See Geological Magazine, March, 1891, p. 144.

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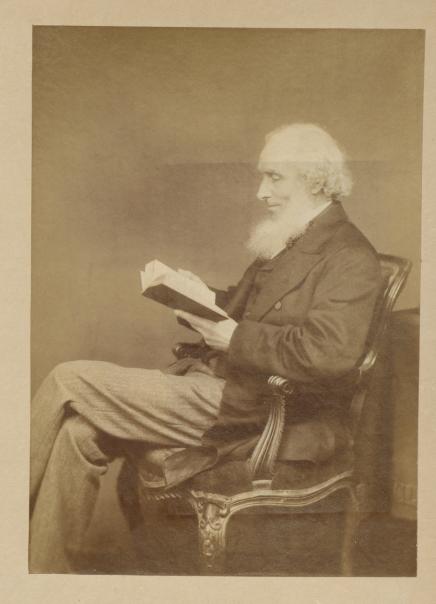
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30 th aug. 1878 Dear Dr. Woodward I have sent by Brand Horman Miss books of the Geol of the I of Wight, and I hope you will have more genial Weather when at the Island that we have had lately here. With regard to her Etheredge fun I have seen Mr Michels / who is acting in the absence of but Saylor), and he says that the matter is proceeding all right, that there is

showing the latest novelties in the British Museum to those who could appreciate them and publish the new facts in a form that would tend to the advancement of knowledge. From 1865 onwards, however, Mr. Davies was an occasional contributor to the Geologi-CAL MAGAZINE; and in 1886 he added a short description of the Vertebrate fossils to Dr. Henry Hicks' paper on the caves of the Vale of Clwyd in the Quarterly Journal of the Geological Society. Apart from incidental observations and letters, these contributions may be enumerated as follows:-

1865. On the Preservation of Fossil Mammalian Remains found in Tertiary Deposits,

GEOL. Mag. Vol. II. pp. 239, 240.

1871. Alphabetical Catalogue of Type Specimens of Fossil Fishes in the British Museum, *ibid*. Vol. VIII. pp. 208–216, 334.

1872. On the Rostral Prolongations of Squaloraia polyspondyla, Ag., *ibid*. Vol. IX. p. 145-150, Pl. IV.

1874. (With H. Woodward.) Notes on the Pleistocene Deposits yielding Mammalian Remains in the Vicinity of Ilford, Essex, ibid. Dec. II. Vol. I. pp. 390-398.

1876. On the Exhumation and Development of a large Reptile (Omosaurus armatus, Owen), from the Kimmeridge Clay, Swindon, ibid. Dec. II. Vol. III. pp. 193-197, Pls. VII. VIII.

1878. On a Collection of Pleistocene Mammals Dredged off the Eastern Coast, ibid. Dec. II. Vol. V. pp. 97-100.

1878. On the Nomenclature of Saurocephalus lanciformis of the British Cretaceous Deposits; with Description of a New Species (S. Woodwardii), ibid. Dec. II. Vol. V. pp. 254–261, Pl. VIII.

1879. On some Fish Exuviæ from the Chalk, generally referred to Dercetis elongatus, Ag.; and on a New Species of Fossil Annelide, Terebella Lewesiensis, ibid. Dec. II. Vol. VI. pp. 145-148.

1879. On some Recently Discovered Teeth of Ovibos moschatus from Crayford, Kent, ibid. Dec. II. Vol. VI. pp. 246-248.

1880. On some Fossil Bird-Remains from the Siwalik Hills in the British Museum, ibid. Dec. II. Vol. VII. pp. 18-27, Pl. II.

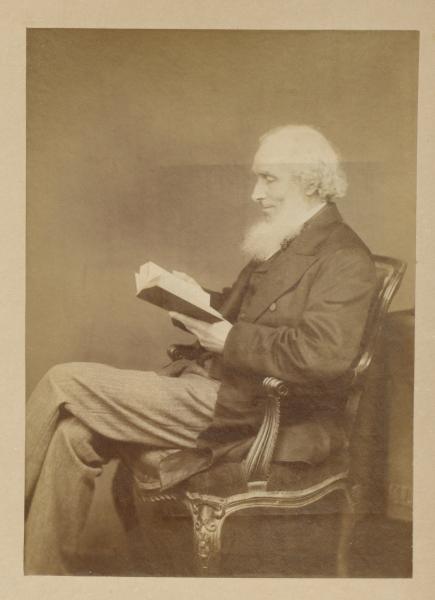
1880. On some Bones of the Lynx from Teesdale, obtained by Mr. James Backhouse, of York, *ibid*. Dec. II. Vol. VII. pp. 346-349, Pls. XI. XII.
1884. Note on Remains of the Emu from the Wellington Caves, New South Wales,

ibid. Dec. III. Vol. I. p. 265. 1884. Note on some New Carnivores from the British Eocene Formations, ibid. Dec. III. Vol. I. pp. 433-438, Pl. XIV.

1886. Note on the Animal Remains from some Bone-Caves in North Wales (Ffynnon Beuno and Cae Gwyn), Quart. Journ. Geol. Soc. vol. xlii. pp. 17-19.

1887. On New Species of Pholidophorus from the Purbeck Beds of Dorsetshire. GEOL. MAG. Dec. III. Vol. IV. pp. 337-339, Pl. X.

Mr. Davies' long association with Sir Antonio Brady in recovering the remains of fossil Mammalia from the brick-fields near Ilford, resulted in 1874 in the publication of "A Catalogue of the Pleistocene Vertebrata in the Collection of Sir Antonio Brady," which is of great value on account of its well-known accuracy. This was the only separate publication he undertook as author, though by no means the only one in the preparation of which he played an important part. In Fossil Fishes, Prof. L. G. de Koninck acknowledges Mr. Davies' important aid when preparing the first part of the "Faune Calc. Carbonif. Belgique"; and the author of the first two volumes of the British Museum Catalogue of Fossil Fishes expresses his indebtedness to Mr. Davies, not only for much advice, but also for his revision of the whole of the proof-sheets. Notwith-



to him. Does Linford know Where all the specemens are? I nothing to be anxious about, do not know where any are Leph, excapting those exhibited; and the Grey although her has nothing new to Dear communicate. There just Collection in the smell cabinet in Le hat Prof. J. L. Korensky from Arague With very beind regards South from Prof. Barrande; her wishes from broton our English Silvian from yours Dory Sincorely Www asset your fortiles, but more especially the your Crinoids, I have shown him some Dr. H. Woodward F. R. J. pardon and her is coming again in the the I morning as he wishes to spend some presses line in Their examination; when hoping I shall have to get Lingard to attent





[Extracted from the Geological Magazine, Decade III. Vol. X. No. 351, p. 427, September, 1893.]

## JAMES WILLIAM DAVIS, F.L.S., F.G.S., F.S.A.

BORN APRIL 15, 1846. DIED JULY 21, 1893.

It is with deep regret that we announce the death of Mr. James Wm. Davis, of Chevinedge, Halifax, at the comparatively early age of 47. A Yorkshireman of fine physique and robust constitution, endowed with apparently unlimited energy, the sad news of his loss has come as an unexpected shock to his large circle of friends both at home and abroad. His more intimate acquaintances were aware that a slight injury to a blood-vessel in the brain caused his retirement from active life for a few weeks last autumn; and they further learned with sorrow that a recurrence of the same malady last March necessitated a still longer period of rest at the little village of Grassington, in North Yorkshire. His letters, however, were cheerful, only marred by some feebleness in the handwriting, and when he returned to his seaside residence at Bridlington about the end of June, there were hopeful signs of speedy recovery. Mr. Davis' eagerness to fulfil his municipal duties at Halifax, however, led to an unwise visit to the town of which he was for the third time Mayor. The fatigue and unwonted excitement produced almost complete paralysis, and his wife, family, and friends had soon to mourn over his decease, which took place early in the morning of July 21st.

Descended from a Gloucestershire family, Mr. Davis was born at Leeds on April 15th, 1846. He was educated at the local Grammar School, and at an early age entered the cloth-dyeing business of his father. He and a brother soon became partners in the firm, which transferred its business to Greetland, near Halifax, and for the remainder of his life Mr. Davis took the leading share of its management. In 1876 he built his fine residence, Chevinedge, on a wooded ridge of Carboniferous Sandstone overlooking Greetland, and there are few geologists of note in Britain who have not enjoyed the hospitality of that modern English home.

Though deeply absorbed in his own business and in certain collateral undertakings—though taking a prominent position in every educational, municipal, and political movement in his own town and district, and elected Mayor of Halifax no less than three years in succession—Mr. Davis found time not only to become a well-known and valued patron of Art and Science, but also to rise

Obituary-James William Davis.

remembered by his numerous contributions to Fossil Ichthyology. The fish-remains discovered in the Yorkshire coal-field early attracted his attention and excited his interest; and after making the acquaint-ance of the late Earl of Enniskillen and Sir Philip Egerton at the Belfast Meeting of the British Association in 1874, he began the study of extinct fishes in earnest. He visited Florence Court and Oulton Park, where he was always a welcome guest, to study the great Enniskillen and Egerton Collections, subsequently acquired by the British Museum. He also travelled extensively abroad, and the present writer will always treasure the most pleasant recollections of several journeys in the company of Mr. Davis to the museums of Holland, Belgium, France, Germany, Austria, Hungary, Italy, Denmark, Sweden, and Russia. He made copious notes and drawings of fossil fishes in all these museums, and many of them were afterwards utilized in his publications. His first researches on the Carboniferous fish-remains soon extended to the fossils of later formations, notably those of the Lias and the Chalk; and since 1883 he had published a series of large memoirs in the Transactions of the Royal Dublin Society.

the Royal Dublin Society.

Mr. Davis' work in Fossil Ichthyology bears many indications of the difficulties under which it was produced. The investigations, it must be admitted, were not always thorough; and the results are not always so concisely and accurately expressed, with such evidence of a fulness of knowledge of the subject as a trained professional specialist would desire. We are happy to say, however, British science is still far from being under the control of a narrow professional monopoly, and long may this freedom remain. Mr. Davis has, even under the most difficult circumstances, been one of the largest contributors to our knowledge of fossil fishes during the last 20 years. His larger memoirs are exquisitely illustrated, as are also several of the smaller ones; and where he has fallen into errors he has done much for progress by rousing up other workers to correct them.

While investigating the fishes of the Yorkshire Coal-field, he made a very large collection in a more systematic manner than had previously been attempted; and Mr. Davis' writings contain more information concerning the remains of the sharks of the Coalmeasures than is to be found elsewhere. His memoir on "The Fossil Fishes of the Carboniferous Limestone Series of Great Britain" (1883) is the only extended, illustrated account of the Elasmobranch teeth and spines of the Lower Carboniferous Rocks, and is based chiefly on the Enniskillen Collection. His subsequent memoir on the Cretaceous Fishes of the Lebanon contains a wealth of new matter, and marks a very valuable advance, notwithstanding all unfavourable criticisms that have been passed upon it. His further writings on the Cretaceo-Tertiary fishes of New Zealand and on the Cretaceous fishes of Scandinavia are pioneer monographs, dealing almost exclusively with untouched materials. Finally, Mr. Davis' latest work on the fish-remains of the British Coal-Measures, of which only one part has been issued, promised to bring together



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Obituary—James William Davis.

a great mass of material that had too long been neglected, and it is a great mass of material that had too long been neglected, and it is a distinct loss to Palæontology that the author's untimely end should have abruptly terminated the publication. We understand that the second part of this memoir, on the Acanthodians, is so near completion that it may be published posthumously.

A notice of the life and scientific work of Mr. Davis would, however, be very incomplete if we merely referred to his official responsibilities and his original researches. No one could come in contact with him for long without absorbing some slight proportion

contact with him for long without absorbing some slight proportion of his enthusiasm, his indomitable energy, and determination; and for at least 20 years he has probably had more influence than anyone else on the advance of scientific research in his native county. Many naturalists now occupying a conspicuous position in their respective lines of study owe their first kindly encouragement to him; many others have been incited to redoubled energy by personal intercourse with him. As the highly esteemed friend of most of the leading geologists both in Britain and on the adjoining Continent, and numbering in his large circle of acquaintances men distinguished in every sphere, Mr. Davis was a trusted adviser in many matters where only one with his great experience of the world could be of service. None, indeed, but those who have thus known him, can appreciate the loss which the scientific community has sustained by his decease.

Finally, we must add a word concerning Mr. Davis' liveliness of disposition, which kept him in the best of humour even in the midst of troubles and difficulties. Whether the worry were great or small, he could invariably lose all remembrance of it at will and apparently enjoy life as if nothing unfortunate had happened. The writer has a vivid recollection of being roused up in the middle of the night on one occasion at a remote railway station in Finland, when Mr. Davis was trying to explain to a clamorous crowd of officials that he had no ticket, but plenty of British paper money, which he would change at the end of the journey. After long discussion in a medley of languages, he induced the conductor to feel the weight of his "effects," which he suggested would be equal in value to the ticket, and the train was then allowed to proceed. Immediately afterwards, in the best of good humour, he pulled out from his portmanteau a small Swedish toy bought for one of his children, and playing with it, he remarked that it was well the inquisitive officer had not estimated the value by inspection. He resumed his slumbers, and as soon as an appropriate place was reached, borrowed from the same conductor enough Russian money to pay for breakfast. He never despaired, never regarded trouble too seriously—he was a friend whose companionship was truly cheering.

List of Memoirs and Papers by James William Davis, F.G.S. disposition, which kept him in the best of humour even in the midst

LIST OF MEMOIRS AND PAPERS BY JAMES WILLIAM DAVIS, F.G.S.

Monthly analytical examination of the Harrogate Spas, 1872 [1873].
 On a bone-bed in the Lower Coal-measures, with an enumeration of the Fishremains of which it is principally composed. Quart. Journ. Geol. Soc. vol. xxxii. (1876), pp. 332-340.





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Obituary—James William Davis.

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to a high position as an investigator in Geology, Palæontology, and Archæology. Scientific work was, indeed, his solace and recreation. From his earliest boyhood, he was imbued with an ardent liking for the pursuit of Natural History; and in company with his friend and former neighbour, Mr. Percy Sladen, he was long occupied with practical work in Comparative Anatomy to enable him to carry on his future researches in interpreting fossil vertebrata. Only last winter, when Mr. Davis penned a long letter of woes to the writer of this notice, detailing how the whole of a new extension of his business premises had been burned down in one night, he concluded with the remark that all worries were just to be buried for two hours by the peaceful contemplation of Acanthodes—a Carboniferous fish on which he was writing a memoir for the Royal Dublin Society. Provided with what he termed a "prime Havana" and surrounded by piles of books and fossil fishes, Mr. Davis always found himself indeed in perfect peace and enjoyment.

indeed in perfect peace and enjoyment.

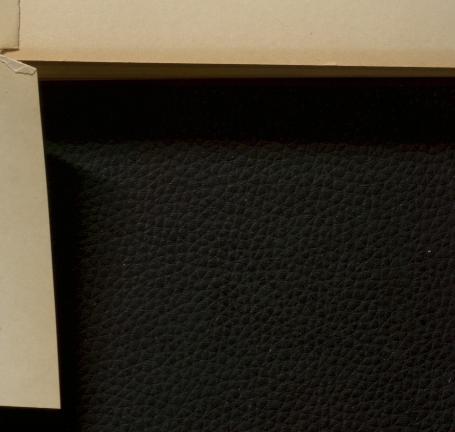
From his earliest youth Mr. Davis had been connected with the Yorkshire Scientific Societies, and he first entered a wider sphere in 1873 by becoming a Fellow of the Geological Society of London and a member of the British Association. In 1875 he received the Fellowship of the Linnean Society, and also later that of the Society of Antiquaries. In 1891 he became a member of the Council of the Geological Society. Since 1876 he had been Honorary Secretary of the Geological and Polytechnic Society of the West Riding of standard of value. In 1888 he organized the jubilee meeting of that Society, and subsequently wrote a volume detailing the historia fifty years' work. He had occupied the Presidential chair Naturalists' Union, and an elected Governor of the Yorkshire

that Society, and subsequently wrote a volume detailing the his of its fifty years' work. He had occupied the Presidential chair of many local societies, was an active member of the Yorkshire College. He rarely missed the meetings of the British Association, where his keen business capacity was highly valued in the committees; and the circle of friends who had the privilege of being never forget his qualities as a host on that occasion. In scientific work. He was one of the directors of the "Westminster Review," and, if the London "Sun" can be trusted on a subject that has supporters of Messrs. Macmillan's monthly, "Natural Science," a review of current matters in Geology and Biology.

In original research, as shown by the the subject the control of the promoters and chief a review of current matters in Geology and Biology.

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Oct 25th 1844

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numeration of the Fishum. Geol. Soc. vol. xxxii.

DAVIS, F.G.S. Spas, 1872 [1873].

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review of current matters in Geology and Biology. journal that has already attained a prominent position as a critical supporters of Mesers. Macmillan's monthly, "Natural Science," a hitherto remained obscure, he was one of the promoters and chief and, if the London "Sun" can be trusted on a subject that has work. He was one of the directors of the "Westminster Review," journalism, too, Mr. Davis undertook no inconsiderable share of never forget his qualities as a host on that occasion. In scientific his guests at Chevinedge during the Leeds meeting in 1890, will mittees; and the circle of friends who had the privilege of being where his keen business capacity was highly valued in the com-College. He rarely missed the meetings of the British Association, Naturalists' Union, and an elected Governor of the Yorkshire of many local societies, was an active member of the Yorkshire of its fifty years' work. He had occupied the Presidential chair that Society, and subsequently wrote a volume detaining the

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Professor, William Boyd
Dawkins, M.a., FR!, Fos., F. S.a.,
Geologist & osteologist; was
born 26th Duck 1838 at Welshpool
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Se was first Burdett-Coults
Geological scholar at Oxford.
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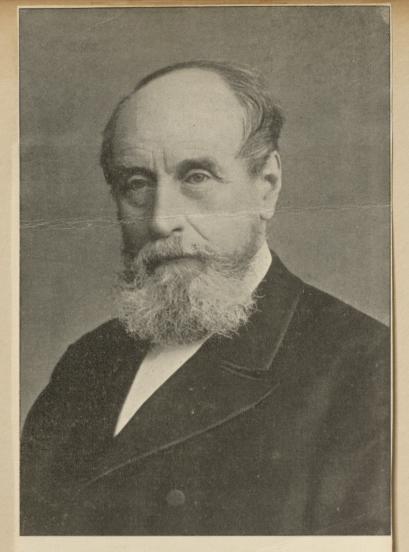
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SIR JOHN WILLIAM DAWSON.

hife." Fossil men & their modern Representatives" The Chain of life in Geological time. He te. Sir W. Dawson was the discoverer of Eozoon Ganadense, in the Laurentian Limestone.

M: Gill College.
Montreal. Lune 10/87 Dear & Woodward, I have taken the libert to send with Thus, by book: part, a Copy of a Report adopted I the Ryal Sweet of Comada Enfecting Scientific union of the Empire, Shope pu vile the able & tay a prod hird for it in pres addrep, and What it may for on the

M: Gill College. Montreal.

Montreal. Aug 3, 1884

Dem & Woodward, Thave Juns Rud letter of July 16th, and news dend by mail a few copies of the letters relating & ferlogical hining and shall dend another little pucket ly heret mail. There need not I think he any delicary

M. Gill College. Montreal. Left 19/84 Sen D Woodward, Thend herewith Concluding paper on yptian ferlogy. May Cater in dend por a meroscopie structure of Some of the vooles me, Ifund in the articles on how VII VIX a few evalu , cheeff in homes of places, and arising I Inffine from my bad Mes, Frend a note in there, Hear rend me

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Am Dawm

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Sir William Dawson, G. M.g., 11.D., J. R.S., J.g. S. vice - Chancellor of me gill university at montreal Canada. Born at Pictow, nova Scolia October 1820. Ite is author of mmerous geolo-- gical i palceontological works the result of moistigations in the field. " Accadian geology". The Devoman & Carboniferous flora of Eastern horth america: Archaia or Studies on the Corns. -going & natural distory of the Subrew Scriptures " " The Itory of the Earth 's man." "The Dawn of life. Fossil men & their modern Representatives" The Chain of hife in Geological time. He te. Fir W. Dawson was the dis-coverer of Eozoon Ganadeuse, in the Lawrendian limestone.

felt in replease to the It International Engles. In In print of fact it Co Leeus & we that I but a live as that u Centemplated will alone enable Buturk feelings to take to true place in any unh that the Congrep may den, Anney prins

Im Duwm

PS. Ishall look formand but the method to pun adolep; but connect hope to be at manchester, which I repet very much,

M. Gill College, Montreal. Left 19/84 Hem D Woodward, Thend hereute Circlerding paper Sir J. William Dawson, Emer tus Principal of McG Il University, who has just died at M ntreal at the age of s venty-nine, was a distinguished geologist and naturalist who did a great deal of useful work in investigating the geological formation of Canada. He was born at Picton, Nova Scotia, in 1820 (his father was a Scottish emigrant), and was educated there and at Edinburgh University, which many years later conferred on him the degree of LL.D. Recrossing the Atlantic after taking his M.A. degree in 1842, he returned to his native province, and spent some years in scientific exploration under Sir Charles Lyell's direction. In 1855 Mr. Dawson was appointed Principal of McGill University, Montreal, and the progress of that institution under his guidance was marvellous. From a poor and struggling college McGill has grown into a richly, though not too richly, endowed University with about 1,300 students and a prestige only excelled in America by that of Harvard. Sir William Dawson retired from the Principalship of the University in 1893. In 1884 he received the honour of K.C.M.G., having been made a Companion of the Order two years before; and in 1886 he acted as President of the British Association at its Birm'ngham meeting. In addition to his labours in connection with the University and in the field of geology, Sir William Dawson found time to lend a hand brames in all higher educational work in Montreal, and he was the authorof several books and of many contributions to scientific journals. Lady Dawson, to whom he was married more than fifty years ago, survives him, and one son is Dr. G. M. Dawson, C.M.G., Director survives him, and one son is Di. G. M. Dawson, Cont. of the Geological Survey of Canada. Sir William Dawson was a but decided in of the Geological Survey of Canada. Sir William Dawson The man genial, gentle, even deferential in manner, but decided in opinion and firm in action mis. grend a note in Plean rend me

hus to my buy at the huly of the Buterts apoceaties of Algund & Shan but put received men letter of the 27 of hel, let I sofe my reply will arive a time and that my melne Cultitiet well must your wishes Treman yes hus Calaubur

Prière de reproduire exactement

Lisbon, 24 July, 1885.

## SECTION DES TRAVAUX GÉOLOGIQUES

Dear S. U. Woodward,

In due time I received your forout of the 2 Jang. and bug to thank you for the Kindness in forwarding my letter to ellesfr. Tribues & 6° who replied immediately to my request concerning the Geological magazine Business having pressed heavily on me I have been mable duly to acknowledge your kind offer of friendly services and to auswer infecting the desire you have appressed of securing some Trilobites of the Devonion and tilurion rocks of Portugal Unluckily our stock of Devorion Jossils

Prière de reproduire exactement

Henry Woodward, Gry. London!

27th December 1884.

The Geological Section of the Geodetic Surveys of Portugal, being in possession of the greatest part of the collection of the Geological Magazine and wishing to continue to subscribe for it, I beg you Kindly inform me of what may be the price of The subscription for 1885, postage for each number included, and to whom such amount has to be addressed.

Tam, Dear Sir,

Yours respectfully; The Chief of the Section,

Jaguni Filippe Nong Delgard.



Daubeny, Charles Gles Bridle, born at Stratton in Gloncestershire Feb. 11th 1795. Educated at Winches ter School, & Magdalen Coll. Oseford. B.a. 1814. London & Edmburgh as a onedical Student 1815-1818. He studied the Volcanic region of Auvergne in 1819. Itis great. book on olcanoes appeared in 1826. In 1834 he was appointed Professor of Botany at Oxford a leved in the Botomic gardens where he delivered his lectures on chemistry & botamy. His latest labour was to collect his Miscellaneons Essays ento two very interesting voldenses. Ite shed December 12 " 1867.

is very poor and we cannot number half a dozen of species of the family you mention, almost all of them being badly of the Upper silusion we have no Soilobity and as for the Lower we have some of which you must know of by the lists of Salter and Shape; thus number is however small, the Jossils being in general deformed or in bad state. Perfect ones are very rare notwithstanding the relative abundance of individuals of each species. We have a for new species but as you may well conceive I must have them' July

described and figured before parting with them. I hope to be able yet in the course of the season to have new collections made in the field, and if they are successful I with with pleasure complay with your wish.

Believe we with the highest repet

Jours mad truly & obedient Journin Filippe every Delgard. Prière de reproduire exactement l'adresse ci-dessous: Henry Woodward, Gesq. London.

SECTION DES TRAVAUX GÉOLOGIQUES

LISBONNI

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ment Lidgerdo Liston, 24 July, 1885.

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113, RUA DO ARCO A JESUS

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76. Slanne Street. S.W.

24 Feb: 1552

On You attend a Marting to be held at m: 17 Slowne Sheet on Salunday Evening the 4th of March at 7 o' clock (Sherp) to Consider a proposal to Shablish a prize competition for faith, They may in Chelsea Parish.

They Buy Bruly

Church W. Min

To The Sevelary of The Chelora Literary Tustitute
Front ball Club.

Edward Salis brong Doma, Ph. D. son of Prof. James Dwight Dania, born at newboom Com. 1849; graduated It yale College in 1870; studied in Steedelberg & Veenna; became lutor in mathematics at Yale in 1874 , assistant Brofesia in natural Philosophy and astronomy in 1879: Is outher with his faller of A Text-book of Immeralogy; with an extended Treatise mueralogy 1877. a Teel book of blementary mechanics 1881 & an Scount of the progress in mineralogy in the year

new Hamm Jan 9 New Dear Dr. Woodward & theuch can be tun ory kind note. I am fratified to be able to accept the Har of Musin Dulant Co. and han almay lent the circular to them Your friends words are Contially neural, when you wrote many forlish things mm Deing said on our Ride

The Right Hon. Sir Charles loutworthe Dilke Politician & Traveller. M.P. for the Forest of Dean Division of glonces tenshire. Born at Chelsea Sep. 4 " 1843. He travelled to america in 1866, with hir Sepworth Dreon, & there Le australia India i Egypt The result of these foromers he published under the little of Greater Britain: a record of travel in English . speaking Combres." The has since published "The Present "osition of European Politics" "The Britain army " " Problems of greater Britain Sir Charles Dilke as proponetor of the Athenaum' ( was for a limo "Us Editor) "notes + queries" + one of the proporetors of the Gardener's Chronicle.

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To The Sevelary of The Chelora Literary Tustitute
Front ball Club.

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The Right Hon. Sir Charles loutworthe Dilke Politician & Traveller . M.P. for the Forest of Dean Division of glonces tenshire. Born at Chelsea Sep. 4 " 1843. He travelled to america in 1866, with hir Sepworth Dreon, & there Le australia India & Egypt The result of these foromers he hubbished under the little of Greater Britain: a record of travel in English . speaking Combres." The has since published "The Present "osition of European Politics" "The Britain army " " Problems of greater Britain Sir Charles Dilke as proponetor of the Athenaum' ( was for a limo its Editor) 'notes + queries" + one of the proporetors of the Gardener's Chromicle.

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July Bruly

Church D. Mhr.

To The Sevelary of The Chelora Literary Tustitute
Front ball Club.

the other side of per honger but I trust to be pour bipeller also. With my kind repuls ton Don Con Coll Jee Jee Luk you in ask of so con my for som

Posis le 15 Janvier 1839. Mousium My suit on me fort mauraise faute depuis to comusaum ment de la manvaile Saison je u ai pre superesse Sar to thrush a votre première lettre la Seconde of a sous in aver adresse a l'institut un est passauce que fordisment, je un duis point membre de able suppagnic Lavaute of out par hazard on a mistaus a new Frame ou des naplages en a receis votre letter Your we demander, Moutines, des outrisienents his le Voluta Lamberti de M. Sorverst, Vous lavez in a das nigi el que got lorverby dit de ette coquille don't love princes Conchology: it dit we avoir no I maloque sisant feche dans les mess du dud; el in debut les contains; et ast à able description que pe we suis confix four mentione whe ispen permis les Malogues vivauts of foriles, Chesious personnes las be tousiguage his quelles pe poweres weether is out dit avoir va à Lordus l'analoque vivant du Voluta Lamberty. be vout to les suls messignements que for lariely a & Lujet, at its we would approved wout in que vous de Saching wiens fue moi functions family, je puis sout affirmer afres un tres visuations

Leshayers

Monsium

Fai Promuer de vous remercier de memoire this interollant Sur he Cray que vous avez daique u uvoger je vois asu plaiser que rous sous etes oughe ave duis d'une question très upportante pour la zoologie it la geologie Je is at pat we a ma disposition we amy fraud wouldness a upias fivar pousser auti bin la question que rout pourse le faire repudout font a que j'as de de tray jusqua firesut un una par budgere l'idee of it fut possible of tables dans atte posucation deux chages distincts du moins zoologiquement. M' Lyst a low descrive voyage a Paris us on fact voi plusions effect appartuant oux parties inferieures du bray A après un exacusurtres attentif usus y avous recomme plusiuers analogues vivaus it in plus of rand womber ofur jene wy wais attender Your avez la boute Moutieur de moffres des fatils der brad je vous un terrossie beausufe I accepte and be plus of rand plaiser of we manque un grand us abre d'espèces je sas amouns

Eugene Endes Deslong champs. Born 1830, deed at Calvados 21 december 1889. Member of the dinnean Society of hormandy. He was Professor of Zoology at the Faculté des sciences of laur + Subsequently was made Prof. of Scology & Dean. anthor of " bludes sur les étages perassiques infereurs de la normandie. Recherches sur l' organisation du manteau ches les Brachiopodes Articules. + Prodrome des Telessauriens du Calvados: also a large series of papers in the Bulletin of He lineau Society yoological Station + laboratory at huc - unmer, & did much work dredging en the Channel.

Cau le 13 juillet 1889 Mon ther mouseen Wood ward La lattre que vous ave bien voule maddrenor ment arrived prendant une tourne d'enament que j'ai été obligé de faire, caque vous emplique le retail que pai mis à vous réposible. I cruette moi tout dalon de Vous remerciels de l'ou celleut souverier que vous voule tren conserver pour moi The vous Samuel que je saiscrae toujours l'occasion de pouvoir wes the agreable quand elle se presentera. Conce je mies mantenant unique. ment charge de la paliontologie et deler geologie dans ma chaire à les Tautte des Evenues et que jai ete débarrane de la partie joologique et auatomique de mon contiamens chaire, il me reste beaucoupe plus detemps à donner de mes études paleontologiques et jou seis d'autant plus charcele que cela ma domana same doute plus somewant qu'autrefois l'occasion de Correspondre avel Vous fait comme vous lawy Me , l'a equel eters de la Collection de Ce parire Carabout pavair abidement boisin le cette collection pour pouvoir conte mor la publicateor de mon pera pormane et quoique le prin un fut l'en lour pour moi

de alles que m'a fait voir M' Lyell et posseri alles qui fout partie de ma collection il y ma me assiz grand womber dont j'ai fait l'acquitilion il y a bimbot of vineze aux dans un fener on se cheschait moins bice of a any ourd him it qui pour la plupost lact mutiles west rout royely que mon travail dans mes tableaux est insomplet puis que je u ai per un abiomer de un intain d'espèce. Si paceple Moutines l'offre obligeaute que vous me failes de vos famils de avece l'expresseme of an sout un dimendering des notres soit des uncroses de Paris toit d'autres budiles et a tera feran mot we grand plaise d'Enviches aussi votige J'ai l'houseur Mocetines de voces Taluer and la plus parfaile consideration ( Deshay) Garis le 6 Janvier 1836.

19 000 frame, pu'ai por heiste à em faire l'acquisition. au grand common pedois le sue de Madaine Deloughamps / que une partageast par absolument mon enttraveriorine policut slugge et que certainement avant raison. jetan done tout first pour les continuation de mon travail, quand it west arrive un rowal embarras que en a retarde perquier l'ene cution. On a démoli laune ocrucie le batement ou chait logie la Collection paléoutologique dela faculte des riennes dont il cetait gross affaire et vous dever Vous que ave pare vous même per ces embarras la. perfore que le homecan local ploure the organis on prouterps prochain cest donce à le moment la Soule mont que pe pourrai reprende ma pulli cation jai tout ofois day a recommence la Suite de mes bracliaquedas de la palaout ologie pantaire dont je corrège en la moment les en ècuras dune homella levelarion at jaque en publier ¿ autres lie lais our avant la

Ju de cette anne. I pe vous docen. Cer details part que Van aug tran voule me den ander Die jun étais de mes diverses publications pai comme Vous le Saver, public I dune derviere me motel feer our Classification nouvelle des terebratulie à Les délouvertes que lou a fait es dernier années Eurles viutables and amorphoses que dabits ent pour out les jeune age certains groupes, tandes du le début, ces efferences coincidant our part avec en monteau charge de spicules , d'autopart avec un montere laur Spaceles. tout cela modifice fingalie rement les des quer l'étant Les terebratulides je suis d'ailleurs for ce weget, en Correspondance duce notre Janie & avidson, qui avec In brewellesses Si Conner, ma en lourage à Continuer bes ce leget les recherches aux quelles il veut tran recorder une lettrine Valeur. rede Levisions tendelable dans la groupe des spiriteride juais pour the moment les difficultés materielle, me paraesent le dresser absolues Truster terelistative nous avious des espèces actuellement du aute, et parloure quant nous possessous aprespires Tuis ce les trans forreallors aprens le June age perguis l'adulte mais pocer

de alles que us a fait voir Mo Lyes qui font partie de ma collection il y on grand woulde dont j'ai fait l'acquit breutat oping rus dans un feur on on bice of any ourd him it for pour la mutilees west rout roping que mon to Lablaces est insomplet puis que je u a du un intain d'éspèce. Si j'accepte Moutines toffer don't un failes de vos fossils e at ava ofur rous un dimandenz des notres loit à de Paris foit d'autres bealites et a tes moi un grand plaiser d'Envicher aux collection fai Thousens Mousica Saluer ava la plus parfaile Bushay Caris le 6 Janvier 1836.

les Spiritarie & que tout tour forriles at presque tory un engages dans des jangues d'un durete terrible, la Chole un parait ence mount senon abolement impos ille un mous dans telle difficulta quelfant dans la le reconstances dir men Somme actuellement pour tout espoir de les money à louve four I famorant une torte de miracle point trouver des consitions de lousewaters absolue par enemple de tests sélecétés quelou pourrait cettaques par les audes at coincident auce des Couches reciples de jeunes embryour et de coquelles à tous les stats de les doppement. mais je le répete po er cela il faccitant con mercele et je trames que la providence ret tout atant peron l'habitude quell avent alcheface den frère. Saraie très les de mettre un studienton la disposition de tous la garterspoder furanque de normandie que lu paractrament esteles pour ser re cherches et pe me propore de lui acir ougourd have moure pour les indiquest Comment it pourrant me trouver si son intention start de vouis pour Couracter ma Collections pendant les valances, Tour vous personlement, monther mounter woodward well agrees La mouvelle alfunancia de mes Embracets les plus d'interigués Votatout devous laurteur E & Elong chang

24, Courtched Friars, Mark Lane,

examin, que l'ansloque idutique du Voluta Lombrete Le trouse aux unions d'Angess, dans les fallans de la Touraine et aux missons de Bordiaux et Ledos dans mon mond stage lextiaire. Les indisidus que sous was y wrongs de able experie Sout this beaux que our que je persodais dans ma colletion il ut avidut for us orgailles chaint doja falles less you the out the reprises from to weer it routes her les where je sous ferai observe que les contrass qu'elles out augui fes, we settlewheat point a willes dissiles for Lowerby; it it faudrait wow fine few Habited de conferer des coquilles visaules et fossiles pour growe que alles à lant vivantes para que elles out se trousies dans la vuer. Je vous remeire Montiner de la vousement about que sous asiz bien voule un faire de votre travail her be tray it vous poise of agreer l'alterance de ma contidénation ( Welhayee)

terhayas

Monsium

J'ai l'houser de mes remover de oumere his interestant Sur he Gray of wood any dique in unoger je vis era plasse que vous sous eter suspe and sures d'une furtiss tres inchostante four to zoologie to Geologie Je vi or pas we a ma disposition we are found we have I afral pour pouser with bin to justine go rout pravogle frice expendent but a gray as de de long justo a filled we wanted busging the of all hotible of bables dans alle formation done dogs distants du moint zoologiquement. Mb again & low houser togage a Passe was fort my hours effect apportulant our parties inferiores du lay It offer we excuse his offerely was yours necessary Assists matiques visus of me the food wales of you wy that attacker Tras any la brushe Montine de miffer des fishes he had je met an recornic house I neeple and lepthe ground plain for mayar un franche usabeed uplear jessi and

Eugene Endes. Deslong champs. Born 1830, deed at Galvados 21 th December 1889. Member of the dinnean Society of Formandy He was Professor of Zoology at the Faculté des sciences of laun + subsequently was made Prof. of geology & Dean. author of " bludes sur les étages perassiques inféreeurs de la normandie." Recherches sur l' organisation du manteau ches les Brachiopodes Articules. + Prodrome des Telessauriens du Galvados: also a large series of papers in the Bulletin of He lineau Society yoological Station + laboratory at huc- unmer, & did much work dredging in the Channel.

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examine, que l'anstoque idutique a Le trouve aux merenes d'Augest, La la Touraine it aux curisous de Bore dans won swould stage listiaire. Les indisidus que sous wasy woods a Sout this beaux of we aux que je present collection if ut avidut for us or quilles e less of alles out de uprises par la ucer les coles je vous ferai observer que out augus his, we willent that point a willes from Lowerby; it il faudrait avoir bin for de conforcer des coquilles vivantes et fossiles pour grain que alles à sout visaufes par trouvier dans la mer. Je vous remercia Montiner de que vous aver bim voule une trovail her be brad it vous por l'assure de ma contidénation

Mousium

J'ai l'houseur de ous receive de accusies his interestant Sur he Gray for rout any dique " unoque je vois ou plasse que vous sous des suspe aver Sures d'un furtis des inpostante four to zoologie the Geologie Je vi se par un a na dispositione un any found we done I especial pour pouser authi bin la justine que rout pravog le frice expendent but a pay as de de loag justo a fillent we wa for hugger to have of I felt herible of hables have able from from done dogs distants du moins zoologiquement. Mb age & low houser soyage a Paris was fort my hours effect apportulant our parties inferiores du long It offer we excuse his oftentif was y and reduced Assisted makeques visions of me flux from and wanter Au jewwy chais attache Tras any la brushe Montine de miffer

des fish he had je met an record house

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Eugene Endes. Deslong champs. Born 1830, deed at Galvados 21 th December 1889. Member of the dinnean Society of Formandy He was Professor of Zoology at the Faculté des sciences of laun + subsequently was made Prof. of geology & Dean. author of " bludes sur les étages perassiques inféreeurs de la normandie." Recherches sur l' organisation du manteau ches les Brachiopodes Articules. + Prodrome des Telessauriens du Galvados: also a large series of papers in the Bulletin of He lineau Society yoological Station + laboratory at huc- unmer, & did much trook dredging in the Channel.

Cam le 13 juillet 1881 Mon ther mousie Wood ward Ha lattre qua vous any bien vouler maddrener ment arrived pendant were tourne d'enament que j'ai été obligé que j'ai suis à vous régroudre. I druette moi tout dalow de Vous remaried la Concellent souver que vous roule tren lousewor pour moi I de vous Sadeur que je saiscrae toujours, l'occasion le pouvoir sous the agreable , quand elle se presentora. Coderne for sur mantenant unique ment charge day la paleoutologie at dela géologie dans ma chaire à la L'audité du Econos et que j'ai de debarranie de la partie foologique et auatourque de mon astrances chaire, it me reste beautoup plan, letemps à donner a mes études pale outologiques et jou tous d'autant same doute ples somewant quantrefors loccasion de correspondre avel Vous fait fait, comme vous lawy her, I'd equilities de la collection de Ce paure Carabout Javair abrolument becom le celle collection pour power continuer la jublicates. the mon pera pormane it quoique be prin in feet true lound pour moi



Dr A Dohon



CHILLENDEN CHAMBERS,
PRECINCTS,
CANTERBURY.

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Monday

The Pight Rev. William Walsh Bishop of Dover. M. a., Hon. D.D.; Archdeacon & Canon of Canterbrow Lince 1891. born 1836. Educated It alban's Hull Oxford Prebendary of It. Paul's 1889-91. Bishop of Maintins 1891-94. Publications Progress of the Church in London during the last Fifty years 1884.

Bruscelles (musée). 14. V. 87.

Confidentielle.

Cher mousieur Woodward,

- J'espère aller à Lordres prochainement pour y étudier différentes choses, notamment dans votre Département, si vous vouleg bien le permettre.

- d'échange des caisses tympaniques, qui à, malgré nous, trainé si longtemps, est ent in approuvé par notre Conseil de Junveillance. Vous receves bientôt notification officielle. Mais jusque la ne parleg de rien, je vous prie. - S'ai fait anjourd'hui la proposition qu'on vous envoire le face si mi le

du pied 7' Tynanod on bernissartensi contre divers montages que vous possides. votre bien respectueup, donis Pollo.

Robert Kennaway Douglas. "Keeper of Oriental Printed British Innseum.
Borhs & Mannescripto in the British Innseum.
Born at darkbear Honse, Othery It. Mary, Devon any 23th 1838.

He was Intorpreter in the China Consular Service & afterwards was attached to ther B. M. Legation at Pekin.

Entered the Innseum in 1864.

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"Confucianism & "aonism" "China

\*C. Vc.

Int. Douglas is a governor of Bulivich College.

Carlos Maria

Jan 28

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could you not come to dinner frist. Do hij 6 manage it, and let me kun how many with come erli gun fra S.K. Im ray hig Robert L. Dryles

My dian Nortward The card -Excellet. It could not be better. I quite april ist za abre. keeping hi Toral hard as Short as possible, and I

PETER MARTIN DUNCAN was born at Twickenham in 1824, and received his early education in the Grammar School of that village, once the home of Walpole and of Pope. He was afterwards placed for a short time in a school in Switzerland. On his return to England, he entered the Medical Department of King's College, London, in 1842. Here he received his formal scientific training, taking his degree of M.B. London in 1846, and in 1849 he was elected an Associate of his College. After acting for a time as assistant to a doctor at Rochester, he removed to Colchester, where a practice had been purchased for him. Here he resided for many years, and published his first scientific essay, which consisted of "Observations on the Pollen-tube, its Growth, Histology, and Physiology" (1856). But he did not at Colchester secure much time for original research, for most of that which was left him by his profession was occupied by work in connexion with the municipality. During his residence he filled the office of Mayor, thus proving that he had won the confidence of his fellow-townsmen, while the admirable arrangement of the local Museum, which under his direction was reorganised upon lines far in advance of the time, is a sign of his interest in the educational institutions of the town. About 1860 he took a practice at Blackheath, when he was able to spare more time for scientific work, devoting himself to the study of fossil Corals; and, as his interest deepened in the problems which they presented to him, he was led to abandon the lucrative prospects offered by his profession, and to devote himself entirely to original research. In this he was no doubt encouraged by the reception accorded to his first palæontological papers, which were read in 1863, and gained for him recognition as a most able palæontologist. In the following year he was appointed one of the honorary secretaries of the Geological Society, and two years later, he was elected a Fellow of the Royal Society.

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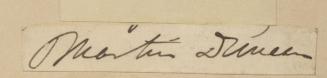
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tidæ by a natural classification; his previous detection of the fundamental differences between the pits of Temnopleurus and the fossettes of Temnechinus gave him the clue to the arrangement of that group; and his substitution of positive for comparative diagnoses in many recent genera has greatly aided the comparison of the fossil and deepsea types. By these two revisions alone Professor Duncan has earned the gratitude of every palæontologist and zoologist, and has given a firm basis for future work. They are indispensable works of reference to every student of these groups.

In addition to the Corals and Echinodermata, Professor Duncan made some contributions to the study of the Protozoa and Sponges, while his clearness as a teacher led him to undertake a good deal of lecturing and popular literary work; thus he edited the six volumes of 'Cassell's Natural History,' and, amongst others, wrote a primer of physical geography, a volume of biographies of the 'Heroes of Science,' a paper on Voltaire's attitude to geology, and edited recent

issues of Lyell's 'Student's Elements.'

To his first love, the Corals, he proposed to return on the conclusion of his revision of the Echinoidea; he commenced work upon a large Indian collection, and planned a supplement to his revision of the Madreporaria, in which he intended to discuss recent criticisms and incorporate subsequent progress. But it was not to be. He was smitten with disease, and, after a long and painful illness, quietly passed away on the early morning of the 28th of May.

The fine, keen sense of humour, which remained unblunted almost to the last, the genial kindness with which he was ever ready with help, especially to younger men, united with the recognition of his sterling worth and sound judgment, gained him wide popularity and

esteem.

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William Turner Thiselton
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Director of the Proyal Botamical
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Born at Westminster July 28 - 1843.
Professor of hatural History at
at the Adricultural College at
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Royal Hosticultural Isciety.
No. Thiselton was examiner in
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London 1848-83 La member of
the Sexate 1887-90.
He has published several books
Jointly with others.



March 13.78

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Jointly with others.

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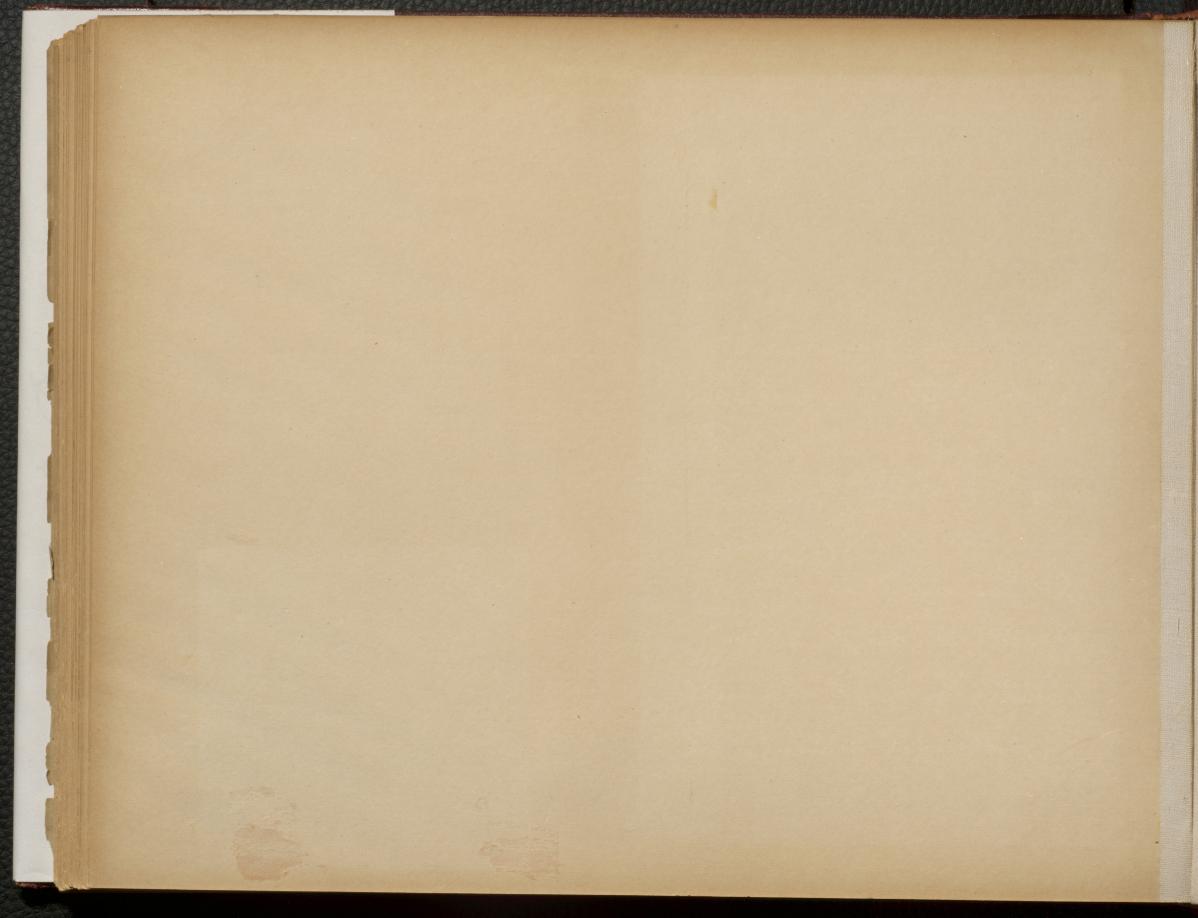
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Iterry John Reynolds - Moreton 3td Parl of Duce, P.C., D.L., FRS, born 36th June 1824. Lord dient of glouces tershire enice 1854. Lord toarden of the Stammeries of Cornwall & Devon, & Rider + main Forester of Dartmoor from 1888. It was Captain of the years 1859-66. In. P. for Strond 1852.63.

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Iterry John Reynolds. Moreton 3rd Parl of Duce, P.C., D. S., FRS, born 36th June 1834. Lord dient of glorices tereliere enice 1854. Land transverses of Cornwall & Devon, & Rider + main Forester of Darkmoor from 1888. It was Captain of blue yeomen of the guards 1859-66. M. P. for Strond 1852.63.

Lir Henry Thomas De La Biche Geologist, born in dondon 1796. Educated at the Grammer School of Othery St. mary, Lat the Royal melitary College marlow, afterwards at Sandburst. He entered the army at the age of 18. but soon willidrew from the service, & sellled in Dorset. De published in 1820 a paper on the Depth & Temprature of the Lake of geneva; Im the following year Discovery of a new Forsil Schally or away in the Bristol Lias". He published his "geological Inamual" in 1830 + "The geological observer in 1834 He advised the erse of Colours in maps published by the Ordnance Survey. I was motimmental in the formation of a museum for a public collection of mineral Specimens first located in a private house near Cleaning Cross, & finally in Jermyn Street, as the miseum of Practical glology. In 1848 he rec! he honor of Tringhthood, in 1853 was elected a trember of the Institute of France. Ho died me 1855.

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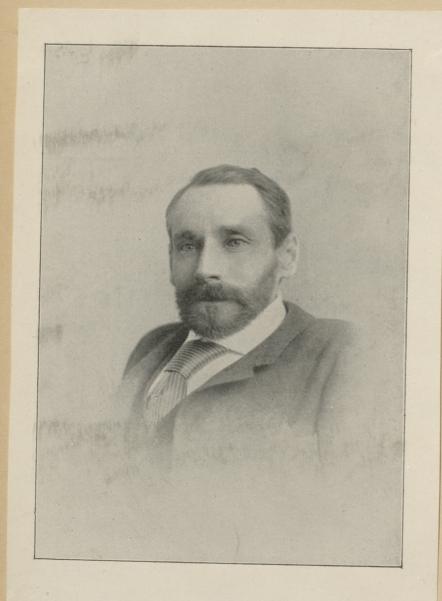
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G. B. Dawson

[Extracted from the GEOLOGICAL MAGAZINE, Decade IV, Vol. IV, No. 395, p. 193, May, 1897.]

EMINENT LIVING GEOLOGISTS, No. 9: Dr. G. M. DAWSON, C.M.G., LL.D., A.R.S.M., F.R.S., F.G.S., F.R.S.C., etc., Director of the Geological Survey of Canada.

(WITH A PORTRAIT, PLATE VII.)

PR. GEORGE MERCER DAWSON, F.R.S., whose portrait we present to our readers this month, is the son of Sir William Dawson, F.R.S., for many years Principal of McGill College, Montreal. Dr. Dawson was born at Pictou, Nova Scotia, August 2, 1849, and his early years were passed in Canada. After continuing his education in Scotland, he obtained his special training for a scientific career in the Royal School of Mines, Jermyn Street, of which he is an "Associate," and where he was also awarded the "Murchison" and "Edward Forbes" Medals. His first scientific appointment was as Geologist and Botanist to the British North American Boundary Commission, which in the seasons of 1873-4 marked out the International Boundary between the United States and the Dominion of Canada, for a distance of 800 miles in length, from the Lake of the Woods to the Rocky Mountains. Dr. Dawson devoted his observations more especially to the geology of the region traversed by the Commission, a large part of which was, at the time, quite unknown; and he gave an admirably succinct account of this and other features of the country, in his Report on the Geology and Resources of the Region in the vicinity of the forty-ninth parallel, published in 1875. This work clearly proved his capability as a field geologist, and in the same year he was appointed to the Geological Survey of Canada, with which he has since been connected, first as Assistant-Director under Dr. A. R. C. Selwyn, F.R.S., and afterwards as Director, on the retirement of Dr. Selwyn in 1894.

Dr. Dawson's geological work has been mainly carried on in the North-West Territories of the Dominion and in British Columbia. For many successive years he has been engaged in field-work in these wild and unsettled regions, where geological investigation is necessarily of a very arduous character, and much physical energy and endurance are required to cope with its hardships. In the course of his explorations, Dr. Dawson has visited such outlying regions as the Queen Charlotte Islands (1878), the northern part of GEOLOGICAL SURVEY OF CANADA,

George M. Dawson, C.M.G., LL.D., F.R.S.,

DEPUTY HEAD AND DIRECTOR.

MUSEUM AND OFFICES SUSSEX STREET, OTTAWA.

Jan 12 1898

Dear Dr Woodward,

Please occupt

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Town hy teg George Mr. Dawson

GEOLOGICAL SURVEY OF CANADA,

George M. Dawson, C.M.G., LL.D., F.R.S.,

DEPUTY HEAD AND DIRECTOR,

MUSEUM AND OFFICES SUSSEX STREET, OTTAWA.

Jal 17 1897

Dear Dr. Woodward, Oleano occeptmy frete ful allworledgements of Jun Kindness in Sending Copies of Dr Heides my flattering votice in the Ecolofical majorine, by which Law Lovaina Spar Even by and desert; also for copy 9 peur address & Molacological Society. My ochooledgest would for ten waden

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[Extracted from the GEOLOGICAL MAGAZINE, Decade IV, Vol. IV, No. 395, p. 193, May, 1897.]

EMINENT LIVING GEOLOGISTS, No. 9: Dr. G. M. DAWSON, C.M.G., LL.D., A.R.S.M., F.R.S., F.G.S., F.R.S.C., etc., Director of the Geological Survey of Canada.

(WITH A PORTRAIT, PLATE VII.)

DR. GEORGE MERCER DAWSON, F.R.S., whose portrait we present to our readers this month, is the son of Sir William Dawson, F.R.S., for many years Principal of McGill College, Montreal. Dr. Dawson was born at Pictou, Nova Scotia, August 2, 1849, and his early years were passed in Canada. After continuing his education in Scotland, he obtained his special training for a scientific career in the Royal School of Mines, Jermyn Street, of which he is an "Associate," and where he was also awarded the "Murchison" and "Edward Forbes" Medals. His first scientific appointment was as Geologist and Botanist to the British North American Boundary Commission, which in the seasons of 1873-4 marked out the International Boundary between the United States and the Dominion of Canada, for a distance of 800 miles in length, from the Lake of the Woods to the Rocky Mountains. Dr. Dawson devoted his observations more especially to the geology of the region traversed by the Commission, a large part of which was, at the time, quite unknown; and he gave an admirably succinct account of this and other features of the country, in his Report on the Geology and Resources of the Region in the vicinity of the forty-ninth parallel, published in 1875. This work clearly proved his capability as a field geologist, and in the same year he was appointed to the Geological Survey of Canada, with which he has since been connected, first as Assistant-Director under Dr. A. R. C. Selwyn, F.R.S., and afterwards as Director, on the retirement of Dr. Selwyn in 1894.

Dr. Dawson's geological work has been mainly carried on in the North-West Territories of the Dominion and in British Columbia. For many successive years he has been engaged in field-work in these wild and unsettled regions, where geological investigation is necessarily of a very arduous character, and much physical energy and endurance are required to cope with its hardships. In the course of his explorations, Dr. Dawson has visited such outlying regions as the Queen Charlotte Islands (1878), the northern part of GEOLOGICAL SURVEY OF CANADA.

George M. Dawson, C.M.G., LL.D., F.R.S.,

DEPUTY HEAD AND DIRECTOR.

MUSBUM AND OFFICES SUSSEX STREET, OTTAWA.

Jan 12 1898

Dear Dr Woodward,

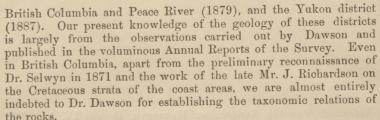
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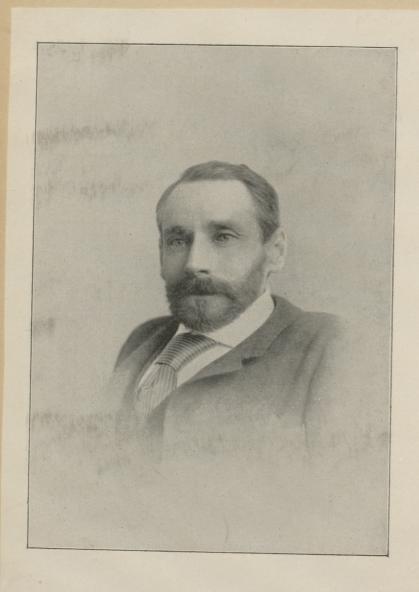
On the great plains of the North-West, Dr. Dawson has investigated more particularly the relations of the Cretaceous and the Laramie formations; and he has discovered the presence in the first-named formation in Southern Alberta of an important series of fresh-water rocks, the Belly-river group, which has not been noticed in the section of the Cretaceous worked out by Meek and Hayden on the Upper Missouri. In the adjacent Rocky Mountain region, another distinct group, the Kootanie, has been likewise recognized by Dr. Dawson as representing a period in the early Cretaceous.

Amongst the more ancient rocks of Canada, Dr. Dawson has ascertained that a great part of the Huronian formation in the Lake of the Woods district is composed of metamorphosed volcanic rocks. In British Columbia also, after a detailed examination of over 6,000 square miles of the interior plateau region, he has made known the existence of a thick series of mica schists and gneisses of presumed Archæan age, which are succeeded by Cambrian, Ordovician, Silurian, and Carboniferous strata. In the Cordilleran region of this province, he has further noted the occurrence of great deposits of contemporaneous volcanic rocks, in various stages of metamorphism.

At the other end of the geological scale Dr. Dawson has largely contributed to our knowledge of the glacial phenomena which in Canada are so strikingly developed. He was the first to describe the glacial origin of the Missouri Couteau; and in the interior plateau of British Columbia he has shown that at one period of the Ice Age, there was a confluent ice-mass the surface of which stood at a level of 7,000 feet above the sea, and that it must have been at least from 2,000 to 3,000 feet in thickness. He has further established the fact that the movements of the glacier ice in this region were not only to the south and south-east, and through the transverse valley and gaps of the coast-ranges to the ocean, but that it had also a northerly flow, and passed down the valleys of the Pelly and Lewes branches of the Yukon river.

With regard to the glaciation of the northern part of the Great Plains, Dr. Dawson maintains that the region, as a whole, has been submerged, and that floating ice has been the main agent in its glaciation, a view which is not in accord with that of the majority of American geologists.

Besides in the Canadian Survey Reports, Dr. Dawson's observations on this and other branches of geology, have appeared in the



G. B. Dawson

Quarterly Journal of the Geological Society, The Geological Society, the Transactions of the Royal Society of Canada, the Journal of

Geology (Chicago), and in other American publications.

But Dr. Dawson's services to Science and the State have not been limited to Geology, for in 1891 he was appointed one of H.M. Behring Sea Commissioners, and made an extended cruise in that sea, investigating matters relating to the life and history of the fur-seal. He made use also of the opportunity to observe some interesting geological facts on the coasts and islands passed by, which were afterwards published in the Bulletin of the Geological Society of America (1894). Afterwards Dr. Dawson took part, as one of the Commissioners, in the Conferences held at Washington, and he subsequently assisted in the preparation of the British Case which was laid before the Behring Sea Arbitration Commission at

The value of Dr. Dawson's work has been duly recognized by geologists in this country as well as in Canada. The Geological Society of London awarded to him the Bigsby Medal in 1891, and in the same year he was elected a Fellow of the Royal Society. For his services on the Behring Sea Commission he also received the title of C.M.G. He served as President of the Royal Society of Canada in 1894, and his Presidential Address for that year embodies a careful review of what has been done, and what should be attempted, in the various branches of science in Canada. We are glad also to state that Dr. Dawson is to be the recipient this year of a gold medal from the Royal Geographical Society, a welldeserved honour.

The Geological Survey of Canada is fortunate in having so able a geologist as Dr. Dawson for its Director. In advancing our knowledge of the geology of that vast region and thereby contributing to its economic prosperity and development, Dr. Dawson will, we are confident, successfully carry forward the work of his eminent pre-G. J. HINDE.1 decessors Logan and Selwyn.

> F.G.S. 1 Assisted



George M. Dawson, C.M.G., LL.D., F.R.S.,

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MUSBUM AND OFFICES SUSSEX STREET, OTTAWA.

Jan 12 1898

Dear Dr Woodward,

Please occept

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Year, Believe we

Zours by tug George In Dawson

